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Field, Garden & Flower

SEEDS

1942



**DINGEL & SMITH
SEED COMPANY**

Twin Falls, Idaho

M. A. DINGEL

R. E. SMITH

INTRODUCTION

It is with great pleasure we present our many friends and customers with our tenth annual seed catalog.

We appreciate your many orders of the past seasons and we are looking forward, with pleasure, to supplying your requirements in seeds again this season and we are sure that our relations will be most pleasant.

All of our seeds are tested for purity and germination, assuring you of the highest quality seeds obtainable.

You will be doing us a great favor by mailing your orders early, as we receive a great number of orders each day during the planting season. You may be assured of our prompt and careful attention in filling your order.

Sincerely,

DINGEL AND SMITH SEED COMPANY.

GUARANTY

All seeds, plants and bulbs are subject to climatic conditions over which we have no control, therefore Dingel and Smith Seed Company give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, plants or bulbs they send out and will not be responsible for the crop. Every order for articles named in this catalog will be executed on these conditions only. If the purchaser does not accept the goods on these terms they are to be returned at once.

DINGEL AND SMITH SEED COMPANY.

NOTICE TO CUSTOMERS

Read Carefully

How to Make Out Your Order and Parcel Post Instructions Your Zone Is Stamped on Your Catalog

Before sending your order read Parcel Post Instructions carefully. All Garden and Flower seeds are priced postage paid.

Fill out your order sheet enclosed herewith, writing or printing your name and address very plainly, and use return envelope.

Remittance may be made by Postoffice or Express Money Order, Draft, Stamps or Currency. We prefer that you do not send stamps for amounts over 50c. Be sure to register your letters if they contain cash. Money Orders are the safest and most economical way of remitting, whenever possible, as banks charge for collecting personal checks.

We can ship up to 70 lbs. in one package and as many packages of 70 lbs or less as required to complete your order.

NOTE—When goods are priced f. o. b. Twin Falls, you pay all Postage, Freight, Express or Truck Charges.

PARCEL POST INSTRUCTIONS

Covering Goods Priced F. O. B. Twin Falls

When ordering goods priced f. o. b. Twin Falls you pay all transportation charges. In many cases you can save time and money by having your orders come by mail. When ordering by mail add postage to your order as follows:

1st Zone—8c for first pound, 1.1c per pound for each additional pound.

2nd Zone—8c for first pound, 1.1c per pound for each additional pound.

3rd Zone—9c for first pound, 2.0c per pound for each additional pound.

4th Zone—10c for first pound, 3.5c per pound for each additional pound.

5th Zone—11c for first pound, 5.3c per pound for each additional pound.

Where a fraction of a cent appears in the total amount of postage, it will be computed as a full cent.

FIELD SEEDS, GRASSES, GRAINS



Our Alfalfas and Clovers are all Idaho grown, grown at a high elevation and are very hardy and will do exceptionally well in any locality where alfalfas or clovers are grown.



We are unable to quote prices covering the season owing to fluctuations of prices and we ask you to write us for quantity prices, or send us your order and we will give you the very best price consistent with quality. We have no control over market changes, reserve the right to fill all orders at market values, on date order is received, unless instructed otherwise. All quantity prices are F. O. B. Twin Falls, unless otherwise instructed.



Field of Idaho Alfalfa

Alfalfa

COSSACK ALFALFA is one of the hardest and best drouth and frost resisting alfalfas. Is a heavy producer of good quality hay.

State Certified Blue Tag Cossack Alfalfa. Write for prices.

Other grades of Cossack Alfalfa. Write for prices and samples.

GRIMM ALFALFA is distinguished from common alfalfa by its branching root system and is particularly adapted to sections where the soil has a tendency to freeze and heave.

States Certified Blue Tag Grimm Alfalfa. Write for prices.

Other grades of Grimm Alfalfa. Write for prices and samples.

COMMON ALFALFA: Common Alfalfa needs no introduction. The seed of this section is produced at a high elevation and is as hardy as can be obtained from any source. It will show the best results wherever sown.

Fancy Common Alfalfa. Write for prices and samples.

Other grades of Common Alfalfa and Alfalfa mixtures. Write for prices and samples.

Clovers

MEDIUM RED OR JUNE CLOVER is the standard strain of clover grown in all sections for hay and pasture purposes.

Fancy Medium Red or June Clover. Write for prices and samples.

Other grades of medium Red or June Clover

and mixtures suitable for hay or pasture. Write for prices and samples.

ALSIKE OR SWEDISH CLOVER will do better on moist land than most other varieties of clover and is suitable for either hay or pasture.

Fancy Alsike Clover. Write for prices and samples.

Other grades of Alsike Clover and mixtures suitable for hay or pasture. Write for prices and samples.

WHITE DUTCH CLOVER, a low close growing strain of clover used extensively for seeding lawns and to some extent for pasture purposes in mixtures.

Fancy White Dutch Clover, 1 lb. \$1.25; 5 lbs. \$6.00; F. O. B. Twin Falls.

LADINO CLOVER is an extra good pasture clover for irrigated land or where plenty of water is available. Sow 5 to 6 pounds per acre.

Fancy Ladino Clover, 1 lb. \$1.20; 5 lbs. \$5.75; F. O. B. Twin Falls. For larger quantities write for prices.

SWEET CLOVER

A wonderful pasture and fertilizer plant. It makes a good, quick pasture. Sow 15 to 20 pounds per acre for pasture purposes. Grows well on all soils.

WHITE BLOSSOM SWEET CLOVER is a hardy biennial plant growing to a height of 5 to 6 feet.

Fancy White Blossom Sweet Clover. Write for prices and samples.



Field of Medium Red or June Clover

YELLOW BLOSSOM SWEET CLOVER is similar to the white blossom strain except in color of blossom and does not grow as tall, also a biennial.

Fancy Yellow Blossom Sweet Clover. Write for prices and samples.

STRAWBERRY CLOVER is very popular for pasture use on alkali and wet soils. Its growing habits are similar to Ladino clover. Sow 5 to 6 pounds per acre.

Fancy Strawberry Clover. Write for prices.

Pasture Grasses



KENTUCKY BLUE GRASS is adapted to a wide range of soils and conditions. Is used extensively as a pasture grass, also as a lawn grass due to its close growing habits and fine color.

Fancy Kentucky Blue Grass, 1 lb. 45c; 5 lbs. \$2.00; F. O. B. Twin Falls. For larger quantities write for prices.

MEADOW FESCUE is one of our best and most valuable pasture and hay grasses. It grows 2 to 2½ feet tall, is very leafy, grows close and stands pasturing well.

Write for prices.

OREGON RYE GRASS is a good grass to sow either straight or in combination with other grasses for pasture.

Write for prices.

TIMOTHY needs no introduction, as it has been grown in the west and all other sections as a hay and pasture grass. Is especially good on low moist soils.

Write for prices.

BROMUS INERMUS or Brome Grass is a very hardy drouth resisting grass. Yields a heavy hay crop and makes abundance of pasture. Sow 15 to 20 pounds per acre broadcast.

Write for prices.

ORCHARD GRASS is a valuable grass for pasture or hay, fine for mixing with alfalfa, making a high quality hay. Sow 20 pounds per acre.

Write for prices.

ENGLISH OR PERENNIAL RYE GRASS: The name Rye would indicate a tall, coarse grass, but the contrary is true. It is a quick, low, close growing grass of very fine quality for pasture or lawn.

Fancy English or Perennial Rye Grass 1 lb. 35c; 5 lbs. \$1.60; F. O. B. Twin Falls. For larger quantities write for prices.



RED TOP is a valuable grass for moist, rich soils where it thrives to best advantage. A good grass to sow in connection with other grasses for hay or pasture. Sow about 10 pounds per acre.

Fancy Red Top, 1 lb. 35c; 5 lbs. \$1.60; F. O. B. Twin Falls. For larger quantities write for prices.

CRESTED WHEAT GRASS: This hardy, perennial, drouth resisting grass has made a very remarkable showing, where many other varieties have failed under dry, arid conditions. A grass of excellent quality for hay or pasture. Sow about 10 pounds per acre.

Write for prices.

Pasture Mixtures for Irrigated Lands

We do not offer prepared mixtures for pastures, preferring to let our customers buy the grasses separately and do their own mixing. In this way the customer knows what he is buying and sowing.

We recommend the following as the mixture best adapted to irrigated lands:

2 pounds Kentucky Blue Grass
6 pounds Meadow Fescue
6 pounds Orchard Grass
6 pounds Oregon Rye Grass
5 pounds Sweet Clover, white or yellow

— 25 pounds per acre.

Write for prices.

TEMPORARY PASTURE MIXTURE: For a quick and temporary pasture mixture sow:

15 pounds Sweet Clover, white or yellow
10 pounds Oregon Rye Grass

— 25 pounds to the acre.

Write for prices.

SHORT MOISTURE PASTURE MIXTURE: In locations where rainfall or sub-moisture is depended on we recommend the following mixture:

5 pounds Crested Wheat Grass
5 pounds Brome Grass
2 pounds Kentucky Blue Grass
5 pounds Sweet Clover, white or yellow blossom

— Sow 17 pounds per acre as above.

Write for prices.

Pasture and Hay Mixtures

TIMOTHY AND ALSIKE CLOVER, either 25% or 50% Alike: Where soils are heavy and wet this mixture will give splendid results for either pasture or hay.

Write for prices.

TIMOTHY AND RED CLOVER, either 25% or 50% Red Clover: This mixture is best adapted on soil where alfalfa does not give satisfactory results.

Write for prices.

The above suggested mixtures are of the proportions we suggest. However, if you are interested in any of them mixed in different proportions we will be pleased to submit samples and quote you prices.

If you are interested in other pasture or hay mixtures not listed, please give us your requirements and we will be pleased to submit samples and quote you prices.

LAWN MIXTURE, for country homes: This is a high quality mixture made up of the best of pure seed and compounded in a way to give you a fine, thick, velvety lawn in the quickest possible time.

1 lb. 60c; 5 lbs. \$2.75; F. O. B. Twin Falls. For larger quantities write for prices.

Sowing Instructions for Grasses

Sow all grass seed broadcast on top of the ground and harrow in lightly. Grass seeds require plenty of moisture when first sown.

INOCULATE YOUR LEGUMES with NITRAGIN

for ALFALFA, CLOVER,
BEANS, COWPEAS, PEAS,
SOYBEANS, LESPEDEZA,
PEANUTS, all LEGUMES

1898 Forty Four Years of Service 2942

PRICES REDUCED ON PEA, VETCH, LESPEDEZA,
COWPEAS, PEANUTS, AND SOYBEAN GROUPS

BUILD UP YOUR SOIL

Inoculate Your Legumes with NITRAGIN

Inoculate your Legume seeds even the planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

INOCULATE WITH NITRAGIN

NITRAGIN is an approved, moist humus culture—tested and guaranteed — easy to apply — packed with Billions of fresh legume bacteria. Its high quality makes Nitratin inoculation an excellent crop insurance. Directions on every can.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA, all CLOVERS

Size	Retail
½ bu. ea.....	.30
1 bu. ea.....	.50
2½ bu. ea.....	1.00

LESPEDEZA Hulled or Unhulled

Size	Retail
Small (Inoculates up to 50 lb. seed) ..	.35
Large (Inoculates up to 100 lb. seed) ..	.50

PEAS (All Varieties)

VETCHES (All Varieties)

½ bu. ea.....	.25
1 bu. ea.....	.35
1½ bu. ea.....	.50
12½ bu. ea.....	3.50

SOYBEANS, LIMA BEANS, COW PEAS and PEANUTS

Small (Inoculates up to 120 lb. seed) ..	.30
5 bu. ea.....	.55
25 bu. (one can) ea..	2.50
30 bu. (one ctn.) ea.	3.25
(Contains 6-5 bu. cans)	

BEANS

String, Wax, Kidney

½ bu. ea.....	.25
1 bu. ea.....	.35
1½ bu. ea.....	.50

GARDEN SIZE

Garden Peas and Beans	
Sweet Peas and Lupines	
Enough for 6 lbs. seed	
Retail Price 10c each.	

NITRAGIN — Oldest and Most Widely Used Inoculator in America

General Field Seeds

OUR RE-CLEANED GRAINS MEAN HIGHER YIELDS

Owing to the unsettled condition in the grain markets we are unable to quote firm prices for the season. If you are interested in any field seeds or grains, not priced, please give us your requirements and we will submit samples and quote prices.

Wheat

DICKLOW is a soft spring wheat with immense square heads, always well filled with large plump berries.

State Certified, Dicklow, write for prices.
Uncertified, Dicklow, write for prices.

FEDERATION: This early strain of spring wheat is distinguished by its stiff, short straw and very scant foliage that is practically proof against lodging. Is a heavy yielder of large, plump berries resembling Dicklow.

State Certified, Federation. Write for prices.
Uncertified, Federation. Write for prices.



A Field of our Swedish Select Seed Oats

Oats

SWEDISH SELECT is a very heavy yielding, medium early strain of oats. The large heads are well filled with heavy, plump, thin hulled grain.

State Certified, Swedish Select. Write for prices.
Uncertified, Swedish Select. Write for prices.

IDAHO SILVER DENT: Idaho Silver Dent is about 10 days earlier than most of the yellow dent corns and is thoroughly acclimated to our intermountain conditions. Is a heavy yielder of large white ears 8 to 10 inches long.

5 lbs. 45c; 10 lbs. 70c; F. O. B. Twin Falls. For larger quantities write for prices.

Barley

WHITE HULLESS or **BALD BARLEY** is a very early, high quality feed grain. The grain is very heavy and grows without beards making it a splendid grain for hogging down. Is an excellent crop for short moisture and short season localities, also does especially good under irrigation.

Write for prices.

TREBI is a very heavy yielding strain of bearded barley. The grain is very heavy and of excellent quality.

State Certified, Trebi Barley. Write for prices.
Uncertified, Trebi Barley. Write for prices.

FALL RYE: If sown early in the spring, will soon produce a good pasture of quality feed clear through the growing season. Also grown for the grain. Sow 100 pounds per acre for pasture.

Write for prices.

Field Peas

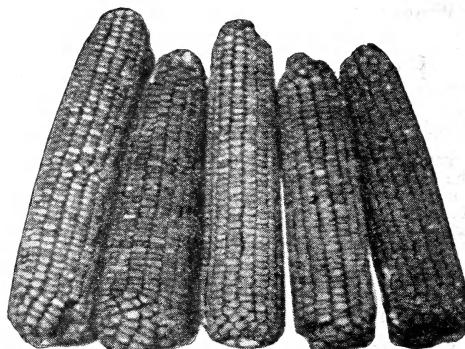
CANADIAN FIELD PEAS can be sown either straight or in combination with other grains for hay or for the dry peas. Sow early at the rate of 120 pounds per acre.

Write for prices.

Corn

IDAHO GOLDEN DENT: This very popular 90-day strain is thoroughly acclimated to our intermountain conditions. It is a heavy yielder of large, golden yellow ears from 9 to 10 inches long, with deep kernels well filled out over the tips, running very even and uniform. The stalks grow tall and leafy, also making it a good silage corn.

5 lbs. 45c; 10 lbs. 70c; F. O. B. Twin Falls. For larger quantities write for prices.



Idaho Golden Dent Corn

CASSIA COUNTY FLINT: This is a large-eared strain of the Australian White Flint variety that has been grown in this section for a number of years. A very heavy yielder, very early and hardy. Plant 8 to 10 pounds per acre.

5 lbs. 45c; 10 lbs. 70c; F. O. B. Twin Falls. For larger quantities write for prices.

Vetch

The Vetches belong to the pea family and are very hardy. They will do well in cold sections and should make an excellent crop for our high mountain valleys.

SAND OR WINTER VETCH: This variety thrives on poor, arid and sandy soil. It is sown in the fall or early spring and is generally mixed with grain to support it and keep it off the ground, very hardy and makes a fine hay or pasture.

Write for prices.

SPRING VETCH is very valuable for a quick pasture or first year hay crop. Sow about 60 pounds per acre with a half bushel of grain, early in the spring.

Write for prices.

RAPE is excellent for sheep or hog pasture and also for soilings. Sow broadcast about 10 pounds per acre.

Write for prices.

Millet

GOLDEN MILLET is a very quick hay or forage crop that is used very extensively as a catch crop. Sow 30 pounds per acre broadcast any time after the danger of frost is past, up to July 10th.

Write for prices.

HOG or BROOM CORN MILLET: This crop will mature in about 70 days from sowing. The grain is of very high feeding value, particularly valuable for feeding hogs or poultry. Sow 50 pounds per acre any time after danger of frost is past, up to July 10th.

Write for prices.

KAFFIR CORN is similar to Feterita and used for the same purpose. Some prefer the Kaffir Corn, claiming it has a higher feeding value. Like Feterita, Kaffir Corn will make good with very little moisture.

Write for prices.

SUGAR CANE or SORGHUM: For hay sow broadcast at the rate of 120 pounds per acre in order to keep the hay fine and not too coarse to handle. Sow any time after danger of frost is past, up to July 1. In drill rows sow from three to five pounds per acre.

Write for prices.

SUDAN GRASS is a natural drouth resisting, annual, hay or pasture plant. It will make a good crop with very little moisture also will make a good crop under irrigation. Sow broadcast 40 to 50 pounds per acre.

Write for prices.

FLAX: Sow any time from March up to July 1, same as other grains, using at least 50 pounds of seed per acre on good land.

1 lb. 20c; 5 lbs. 85c; F. O. B. Twin Falls. For larger quantities write for prices.

SUNFLOWER, Mammoth Russian is used for silage purposes in many parts of the west. Also the grain is excellent for poultry feed when ripened. For silage plant 10 pounds per acre, for seed crop 6 pounds per acre.

1 lb. 20c; 5 lbs. 85c; F. O. B. Twin Falls. For larger quantities write for prices.



SEMESAN: Seed Disinfectant for beans, peas, vegetables and flower seeds, bulbs, roots, corms, and tubers. Disease carried on the seed often reduce germination. Is easily applied as a dust or liquid. Effective in controlling damping off of seedlings and cuttings.

$\frac{1}{3}$ oz. envelope 10c; 2 oz. can 40c; 1 lb. can \$2.50; 5 lb. can \$11.40; F. O. B. Twin Falls.

Don't Fall to Read Our Grass Seed Section If You Need Pastures.

NEW IMPROVED SEMESAN BEL: Dip for seed potatoes. May be used on either whole or cut seed pieces. One pound will treat 70 to 80 bushels of seed. Is effective in controlling such seed borne diseases as scab, rhizoctonia and black leg. Protects the seed pieces against rotting by soil-borne organisms.

2 oz. package 30c; 1 lb. can \$1.65; 5 lb. can \$7.15; F. O. B. Twin Falls.



NEW IMPROVED CERESAN: A low cost grain disinfectant effective in controlling bunt or stinking smuts of wheat, covered smut and stripe of barley, and oat smuts. Half ounce treats 1 bushel of grain.

1 lb. can 80c; 5 lb. can \$3.40; F. O. B. Twin Falls. Prices, subject to change on Semesan, Semesan Bel, and Ceresan.

MORGRO

*The Perfect
Fertilizer*

Contains all the elements required by plants in scientifically balanced proportions for Lawns, Gardens, Flowers, Trees and Shrubs.

1 lb. Canister 15c; 5 lb. Canister 50c; 25 lb. bag \$1.60; 50 lb. bag \$2.65;
100 lb. bag \$4.25; F. O. B. Twin Falls. Prices subject to change.

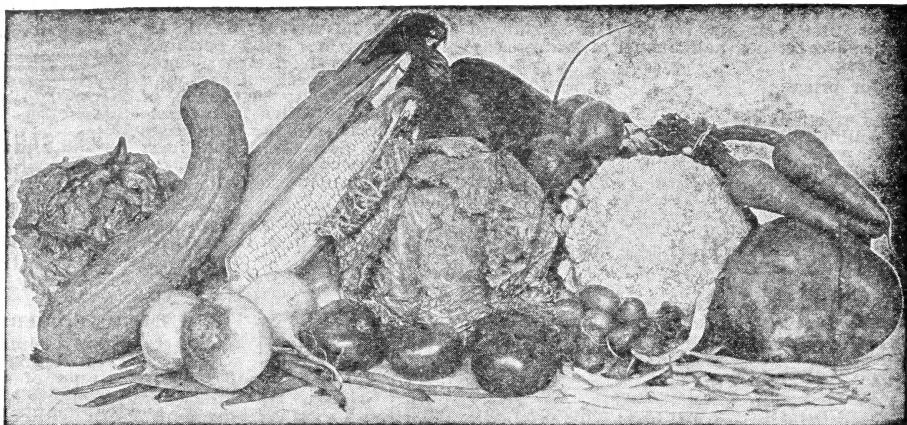
NEW EVER GREEN SPRAY

See Page 28 for Insecticides.

TRUCK DELIVERY EVERYWHERE

On heavy goods it is often more convenient and quicker to ship by truck, no more expensive and often less. When ordering goods priced F. O. B. Twin Falls advise us whether you have regular truck service and whether you want your orders to come that way. You will often find it to your advantage.

Before making up your order, read parcel post instructions on inside front cover of catalog. Your zone is stamped on catalog.



GARDEN SEEDS

Our garden seeds are all obtained from reliable sources and carefully selected to give the best results in our intermountain section.

As western seedsmen we know best what is adapted to western conditions and our seeds are the very best market gardener's strain that we can obtain.

Asparagus Seed

MARY WASHINGTON is a very early rust resistant strain of excellent quality and is a heavy producer of large, rich green colored stalks, with a trifle purple tint at the tips.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.40; postage paid.

ASPARAGUS ROOTS: By setting out the roots, a producing asparagus bed can be obtained in one to two years.

12 for 40c; 50 for \$1.20; 100 for \$2.10; postage paid.

Garden Beans

Culture: About May first, or as soon as danger of frost is past and ground is warm, plant in drills 18 inches to two feet apart and cover lightly. Cultivate well to keep down weeds. Sow about every two weeks during the spring for succession.

IDAHO REFUGEE: An excellent early, mosaic resistant Refugee, adapted for the home garden, canning, or the market gardener. The plants are large, vigorous and very productive. The pods are round, light green, 5 to 6 inches long, stringless and of excellent quality and flavor.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

G I A N T S T R I N G L E S S G R E E N P O D, a very productive round podded sort, maturing a little later than Burpees Stringless.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

BURPEE'S S T R I N G L E S S : The finest green pod stringless bean. Earliest and hardest of all green sorts. Produces large, handsome pods. Perfectly stringless. A very heavy yielder. Pods fleshy and of very fine flavor.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.



PENCIL POD BLACK WAX: A very heavy yielding, stringless bean of exceptionally fine quality. The long, fleshy, yellow, round pods measure from 5 to 6 inches. We strongly recommend Pencil Pod Black Wax for the home garden, canning, or the market gardener.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

IMPROVED GOLDEN WAX: The pods are very uniform and of a golden yellow, about four to five inches long and rather flat, meaty, tender and stringless. Early and of excellent quality.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

WARDWELL'S KIDNEY WAX: The strong vines yield abundantly. The long, nearly straight, broad, creamy pods are of very fine quality. Early and a fine variety for market gardeners.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

DWARF OR BUSH LIMA BEANS

BURPEE'S BUSH LIMA: The plants grow 18 to 20 inches high, of stout, erect growth; a heavy yielder of large pods, well filled with large, even-sized beans of excellent quality.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50; 10 lbs. \$2.80; postage paid.

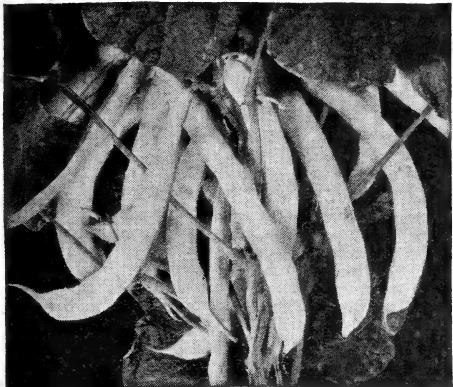
HENDERSON'S BUSH LIMA grows erect 18 to 20 inches tall, requires no support; very early and productive. The beans have the true Lima flavor, buttery and tender.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.60; postage paid.

POLE BEANS

KENTUCKY WONDER OR OLD HOMESTEAD: Vines vigorous, climbing well; very productive; pods green, very long, often reaching 9 to 10 inches, very crisp and tender. This is a great favorite as a snap bean.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.



Wax Beans

KENTUCKY WONDER WAX is a very heavy producer of the climbing variety. The waxy, yellow pods are from 8 to 10 inches long, practically stringless, very fleshy and tender. An excellent variety for home use. Ready to use about 70 days from planting.

Pkt. 10c; $\frac{1}{2}$ lb. 20c; 1 lb. 35c; 5 lbs. \$1.40; 10 lbs. \$2.50; postage paid.

Garden Beets

Sow in early spring up to July 15th.

EARLY WONDER is a very early variety. Tops are medium small, roots semi-globular, bright red skin, vermillion red flesh, very sweet and tender. A splendid home or market garden variety.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00; postage paid.

CROSBY'S EGYPTIAN is an old favorite early variety. Dark red in color, round type. One of the earliest and of excellent quality.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00; postage paid.

EDMAND'S BLOOD TURNIP BEET is an old standard general crop beet. In quality one of the finest. As the name indicates, a true round or turnip shape. Popular with market gardeners.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.20; postage paid.

DETROIT DARK RED is one of the finest general crop garden beets known. Quality the finest, color very dark red, size medium and very uniform. We strongly recommend Detroit Dark Red.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.40; postage paid.

SWISS CHARD

LUCULLUS is a variety of beet, producing leaves only, that are used for greens. The very large leaves are very tender and of a mild spinach-like flavor. Cultivate the same as ordinary beets.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.10; postage paid.

Stock Beets or Mangels

These large, heavy yielding Stock Beets produce an enormous amount of succulent feed for winter use. Plant in early spring up to June 1st, in the same way you would handle garden or sugar beets.

DANISH SLUDSTRUP has a long, reddish-yellow root, growing more than half above the ground and is easily harvested. It is a heavy yielder and has a very high feeding value.

Oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

GOLDEN TANKARD is a splendid variety and a great favorite with many growers. Yellow in color, stump-rooted, standing well above the ground it is very easy to pull and has a high feeding value.

Oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

GIANT ROSE HALF SUGAR is one of the best for fattening on account of its high sugar content. The long, oval roots are white with rose colored shoulders and white flesh. Is easily harvested and a heavy yielder.

Oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

Borecole or Kale

DWARF GREEN CURLED: The very tender, fine flavored, curly leaves will stay green until late in the fall making excellent greens for fall use. Can be sown any time from spring to August. Also a fine green feed for poultry.

Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. 95c; postage paid.

Broccoli

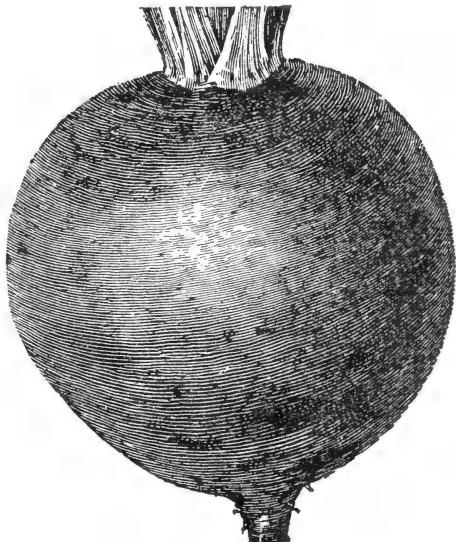
CALABRESE or **GREEN SPROUTING** is an excellent variety for the home or market gardener. Its tall, branching plant forms a compact head of deep green flower buds, resembling a loose head of cauliflower. A very delicious vegetable of excellent quality.

Pkt. 15c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; postage paid.

Brussels Sprouts

DWARF IMPROVED BRUSSELS SPROUTS are miniature cabbage formed on the plant stalk. The compact sprouts are of excellent quality and a delicate flavor. Culture the same as cabbage. For winter use sow in May or June.

Pkt. 15c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; postage paid.



Detroit Dark Red Beet

Cabbage

Our cabbage seed is all of the finest obtainable stock. Methods of growing cabbage are so generally understood that explanation is unnecessary. The most important point to bear in mind is to have the soil as rich as possible.

EARLY JERSEY WAKEFIELD is an old standard extra early variety. Pointed heads of extreme hardness. Earliness and hard heading are the outstanding features of this excellent variety.

Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.75; postage paid.

GOLDEN ACRE is a popular cabbage of the Copenhagen Market type, smaller and a trifle earlier than that famous variety. Round, very hard heads and very uniform type.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$5.40; postage paid.

COPENHAGEN MARKET produces a large, solid round head almost as quickly as the early pointed strains, is a good keeper and if put out late makes a fine winter cabbage. A good cabbage for the home garden or the market gardener.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$5.40; postage paid.

GLORY OF ENKHUIZEN is a second early, sure heading, splendid keeping variety, heads large, round and very solid. Stem medium short. Especially valuable for kraut, also excellent for home and market garden.

Pkt. 10c; 1 oz. 45c; $\frac{1}{4}$ lb. \$1.40; 1 lb. \$5.00; postage paid.

DANISH BALL HEAD: This exceptionally fine late cabbage is a great favorite in all markets. The heads are round, medium sized, but very heavy and solid, fine grained and tender. We strongly recommend Danish Ball Head for the market or the home garden.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.25; 1 lb. \$4.50; postage paid.

PENN STATE BALLHEAD was developed by the Pennsylvania State college and is one of the very best strains of the Ballhead type. Is a heavy yielder of large solid, round heads, uniform in size, shape and color, of excellent quality and a good keeper.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.25; 1 lb. \$4.50; postage paid.

PREMIUM LATE FLAT DUTCH: This large, solid, flat headed variety of late cabbage is a standard well known variety in all sections, is a good keeper and a general favorite for winter use.

Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. 85c; 1 lb. \$2.75; postage paid.



RED CABBAGE

MAMMOTH ROCK RED is a hard-heading variety. Heads are as large as Premium Flat Dutch. Deep red to center, and is highly recommended.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.30; postage paid.

Carrots

Sow as early in the spring as the ground is in good shape for cultivation. Make successive

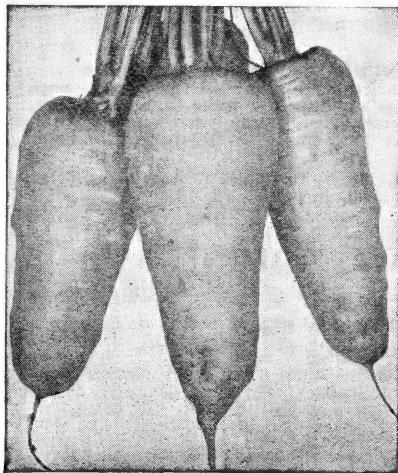
sowings up to July 1st. Sow in rows one-half inch deep about 3 pounds per acre on a well-prepared seed bed. For winter table use sow from June 1st to June 15th.

NEW CORELESS is an excellent early variety for local markets or home use. The tops are small, roots are cylindrical and stump rooted, 6 to 7 inches long, of deep orange color, richly colored clear through, very crisp, solid and of excellent quality.

Short crop, sold out.

HALF LONG-NANTES is an excellent variety for the home garden or the early market. The roots are blunt ended, 6 to 7 inches long and about 1½ inches thick, cylindrical, smooth and of bright orange color. The flesh is of excellent quality, fine grained, tender, sweet, practically coreless and of bright orange color.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.



IMPERATOR is a splendid bunching carrot of exceptionally fine quality. The roots are smooth, deep orange in color, 7 to 8 inches long, uniformly tapering to a semi-blunt end. The flesh is fine grained, tender and a rich orange in color. The tops are medium, but strong enough for bunching.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.

EARLY SCARLET HORN is excellent for early planting for garden use. Grow just the right size, tops small, quality very fine, color rich orange.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.

DANVER'S HALF LONG is a very popular strain of carrot universally planted for gardening purposes. Medium length, tapering to a blunt point. A heavy yielder and of fine quality.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.

CHANTELAY OR MODEL: This excellent variety is similar to Danver's Half Long. It is very smooth and uniform in type, of a deep orange color and very fine quality. Good for winter use as well as an early carrot.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.

OXHEART OR GUERANDE is a very rapid growing variety. Type short and thick, runs very uniform as to type and size. Many people prefer Oxheart on account of its being so easy to dig. Quality fine and tender.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.

IMPROVED LONG ORANGE is an old well-known sort of very fine quality. Type heavy near crown, tapering uniformly to a point. Color deep orange. A splendid keeper for winter use. Extensively grown for stock feeding as well as for table use.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.35; 1 lb. \$4.40; postage paid.

Stock or Field Carrots

WHITE MASTODON is a very heavy producer, often yielding 30 to 40 tons per acre in this section. Is a large, short, thick carrot, tapering to a point. The feeding quality is very high, sweet crisp and a good keeper.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.00; postage paid.

Cauliflower

Culture: Handle the same way as cabbage. Needs rich soil and plenty of moisture.

HARTMANN'S SPECIAL EARLY is an early self-protecting cauliflower of excellent quality, which has good keeping qualities and the ability of resisting weather changes. Is an excellent market or home garden variety.

Pkt. 20c; $\frac{1}{4}$ oz. \$1.20; $\frac{1}{2}$ oz. \$2.20; 1 oz. \$4.00; postage paid.

EARLIEST DWARF ERFURT is a first class cauliflower, very early. One of the best and surest to head. A fine old standard sort.

Pkt. 20c; $\frac{1}{4}$ oz. 95c; $\frac{1}{2}$ oz. \$1.70; 1 oz. \$3.00; postage paid.

EARLY EXPRESS SNOWBALL is an improvement on the Early Danish Snowball, equal to that famous cauliflower in type and quality but still earlier.

Pkt. 20c; $\frac{1}{4}$ oz. 95c; $\frac{1}{2}$ oz. \$1.70; 1 oz. \$3.00; postage paid.

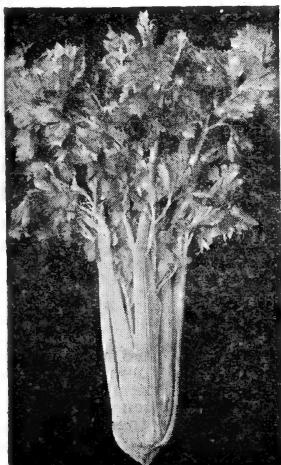
DANISH DRY WEATHER is a good general crop cauliflower, developed to stand hot dry weather. The heads are somewhat larger than Express Snowball. A good yielder and an excellent keeper. A good cauliflower for the main crop.

Pkt. 20c; $\frac{1}{4}$ oz. \$1.20; $\frac{1}{2}$ oz. \$2.20; 1 oz. \$4.00; postage paid.

Celery

GOLDEN PLUME or **WONDERFUL** is an especially good early variety. The plants are of medium size, full hearted and compact with thick solid stocks, which blanch readily and are of the finest quality.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.00; postage paid.



GOLDEN SELL BLANCHING is a self-blanching variety, of dwarf compact habit of growth and ready for use very early in the season. The thick heavy, ribbed stalks which blanch to a waxy yellow are of the finest flavor.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.00; postage paid.

WHITE PLUME: The plants of this extra fine variety grow rapidly and blanch early during the summer months. Good as an early market sort.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.50; postage paid.

UTAH JUMBO is an excellent variety for the market gardener or the home garden. It has a thick, heavy heart, blanches to a creamy white and has a delicious flavor.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 60c; $\frac{1}{4}$ lb. \$2.00; postage paid.

GIANT PASCAL: The stalks are very large, crisp and of fine quality. Blanches very easily and quickly. The heart is golden yellow and has a very attractive appearance. Has good keeping qualities and is an excellent variety for winter use.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.50; postage paid.

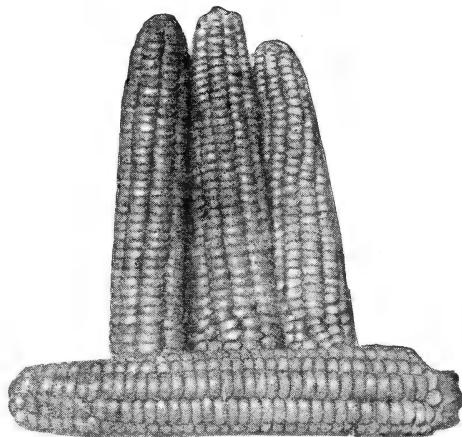
Sweet Corn

EXTRA EARLY BANTAM is an extra early variety, 10 to 12 days earlier than the regular Bantam. The size of the ear is a little smaller and slightly lighter in color and quite uniformly eight rowed and is an excellent yielder of extra good quality corn.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.

EARLY GOLDEN MARKET is an extra early corn of excellent quality. The golden colored, good sized ears are of a nice type. A good corn for the market gardener or the home garden.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.



Golden Bantam Sweet Corn

GOLDEN BANTAM is a very early sweet corn with golden yellow grain, very tender and of excellent quality. Ears are about 6 to 7 inches long, of medium size. The flavor is exceptionally rich and delicious.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.

IMPROVED BANTAM is an excellent early variety for the home garden or the market gardener. Is a good yielder of large ears with 12 to 14 rows of deep yellow kernels very tender and of the finest flavor.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.

BANTAM EVERGREEN: The large ears of this splendid variety are covered with light yellow, deep set kernels of the finest quality. Is about six days later than Golden Bantam.

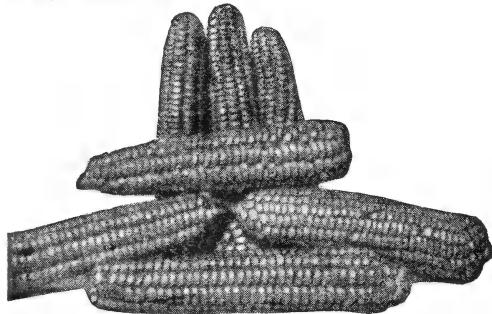
Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.

EARLY EVERGREEN: "White," slightly smaller ears than Stowell's Evergreen but ready for use several days earlier. Ears are 7 to 8 inches long with 16 to 20 rows of deep kernels of the finest quality, that remains in good condition for table use a long time.

Pkt. 10c; 1/2 lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.

COUNTRY GENTLEMAN or SHOE PEG: "White" This old favorite variety is late but remains in good condition over a long period. The ears are 7 to 9 inches long with small deep kernels which are very tender and delicious.

Pkt. 10c; 1/2 lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.20; postage paid.



Early Golden Market

Hybrid Corn

The hybrid cross must be made each year with the hybrid corn, in order that the production and uniformity will continue for a satisfactory crop. Newly crossed seed must be obtained from your seed dealer each year.

KINGSCROST GOLDEN BANTAM: This early hybrid is of excellent quality and a favorite with the market gardener. The true eight-rowed Bantam ears are golden yellow in color, very sweet and tender.

Pkt. 15c; 1/2 lb. 20c; 1 lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25; postage paid.

GOLDEN CROSS BANTAM is a single cross hybrid corn of excellent quality, about 6 days later than Golden Bantam. The ears are 12 to 14 rowed and about 7 inches long. The kernels are a rich yellow in color, very sweet and tender. A good variety for market gardening, canning, or the home garden.

Pkt. 15c; 1/2 lb. 20c; 1 lb. 40c; 5 lbs. \$1.70; 10 lbs. \$3.15; postage paid.

Popcorn

WHITE RICE HULLESS is a heavy yielder of short, thick ears, that shells out heavy on account of very deep grains. An excellent popper, very tender and delicious quality.

Pkt. 10c; 1/2 lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.10; postage paid.

BLACK GIANT is a heavy yielder of large ears and a sure popper. Excellent for home use.

Pkt. 10c; 1/2 lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.10; postage paid.

PEARL WHITE is a large eared heavy yielding variety of excellent quality, for home use or the market.

Pkt. 10c; 1/2 lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.10; postage paid.

Cucumbers

Sow seeds in open ground soon as danger of frost is past. Plant in hills and thin down to 3 or 4 in a hill.

EARLY GREEN PROLIFIC (Boston Pickling): A very productive variety extensively grown for pickling. Fruit bright green, medium size, smooth and uniform.

Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c; 1 lb. \$2.00; postage paid.

ARLINGTON WHITE SPINE is an improved white spine of exceedingly fine quality, especially fine for slicing and quality good for pickling. Grows quite large and of uniform type.

Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c; 1 lb. \$2.00; postage paid.

NATIONAL PICKLING is an early variety of dark green fruits straight and symmetrical rather blunt at each end. About 6 inches long when mature and can be used when quite small. Recommended for pickling and very productive.

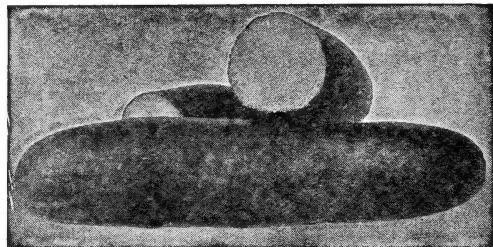
Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c; 1 lb. \$2.00; postage paid.

CHICAGO or WESTERFIELD PICKLING: One of the very finest types of pickling cucumbers. Grown extensively by pickling establishments on account of its very uniform type and size. A heavy yielding, hardy strain.

Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c; 1 lb. \$2.00; postage paid.

DAVIS PERFECT: A very fine type cucumber. One of the smoothest and most uniform in shape and color, very small seed cavity. Grown extensively for a slicing cucumber and for fancy dills.

Pkt. 10c; 1 oz. 20c; 1/4 lb. 60c; 1 lb. \$2.00; postage paid.



Improved Long Green Cucumber

IMPROVED LONG GREEN: An old time favorite. Fruit long and slim. Exceedingly fine quality. Good for both pickling and slicing.

Pkt. 10c; 1 oz. 25c; 1/4 lb. 75c; 1 lb. \$2.50; postage paid.

WEST INDIA GHERKIN: A very prolific, small fruited variety, used exclusively for pickling. The fruits are 2 to 3 inches in length and about 1 1/2 inches thick. The skin is bright green and thickly set with short spines.

Pkt. 10c; 1 oz. 25c; 1/4 lb. 75c; postage paid.

Cress

UPLAND or GARDEN CRESS is especially fine for salads and garnishing, has the pungent flavor of water cress. Many people use cress to mix with lettuce to which it adds a very desirable flavor.

Pkt. 10c; 1 oz. 40c; postage paid.

CURLED CRESS or PEPPER GRASS: The finely curled leaves are used extensively for salads. Are crisp and of a pungent flavor. It grows very quickly and is of the easiest culture.

Pkt. 10c; 1 oz. 40c; postage paid.

Chicory

ENDIVE or WITLOOF: Sow the seed in the open in the spring. In the fall dig them and pack in sand or light earth, water them and place near the heater to keep warm. When the sprouts are through the surface they are then ready for use. Very tender and delicious.

Pkt. 15c; 1/2 oz. 40c; 1 oz. 75c; postage paid.



Egg Plant

BLACK BEAUTY: Fruits very large and of a deep, glossy purple-black color. Sow early in the house or hotbed. Transplant the same as tomatoes, when danger of frost is past.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.70; postage paid.

Endive

WHITE CURLY: Many relish Endive on account of its pungent flavor. Use the same as lettuce. Very tender when cut young, blanches readily.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; postage paid.

Garlic

GARLIC BULBS: The most pungent of the onion family and is used for flavoring soups, stews, sausages, etc. The bulb is composed of many small bulbs called cloves. To plant, separate the sections of cloves of each bulb and set 4 inches apart in the row. Cultivate the same as onions.

1 lb. 50c; 5 lbs. \$2.25; postage paid.

Garden Herbs

CARAWAY: Grown from the seeds, which are used for flavoring of breads, pastry, etc.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 55c; postage paid.

DILL: Grown chiefly for making dill pickles. Sow early in spring in rows. Cover seed $\frac{1}{2}$ inch. Mammoth.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 60c; postage paid.

GARDEN SAGE: Used for seasoning meats, dressings, etc. Home grown sage is better than most commercial stock.

Pkt. 25c; $\frac{1}{2}$ oz. \$1.55; 1 oz. \$3.00; postage paid.

Horse Radish

Plant roots in trench, pressing small end down and cover 3 to 4 inches deep in rows 2 feet apart, about 18 inches apart in the row. The roots produce good Radish, fit for use in one season's growth.

12 for 40c; 25 for 65c; 100 for \$2.25; postage paid.



Kohl Rabi

WHITE VIENNA: Kohl Rabi is a member of the cabbage family with an edible, turnip-like bulb growing above the ground. Is light green in color, flesh white, tender and delicious.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 55c; postage paid.

Lettuce

Lettuce is so commonly grown by all that instructions for growing are unnecessary.

EARLY CURLY SIMPSON: A very early variety. Forms a close, compact mass of curly yellowish green leaves. Tender and crisp. A great favorite with market gardeners.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

GRAND RAPIDS: An exceedingly fine early lettuce and a great favorite with market gardeners for forcing. This does not form heads, but makes large, compact bunches of leaves with fringed edges.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.



New York Head Lettuce

PRIZE HEAD: A very large, loose heading sort. Leaves crimped and fringed, outer ones shaded reddish brown. A high quality lettuce, crisp, sweet and tender. Splendid for home garden use.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

IMPROVED HANSON HEAD: A very hardy, high quality head lettuce for home use. Heads compact, with inner leaves blanched almost white. Quality fine, crisp, tender and delicious.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

CALIFORNIA CREAM BUTTER forms sound, crisp heads of buttery flavor, medium early, very crisp and tender.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.45; postage paid.

NEW YORK NO. 12: An improved type of the New York variety. The large heads often weigh from $2\frac{1}{2}$ to 3 pounds. Very crisp, hard and tender. Blanches out to a creamy white in center. An excellent home garden or market variety.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.25; postage paid.

NEW YORK NO. 515: A new variety of the regular New York type. Bred especially for resistance to tip burn. A very sure header, large sized heads, dark green color, well covered and will stand the spring heat better than other varieties of the New York type.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.25; postage paid.

NEW YORK or LOS ANGELES MARKET: Also known in some sections by the name of Wonderful. The heads are very large, often weighing up to two pounds, and resembles small cabbage in appearance; very firm, an exceptional keeper and wonderful shipper.

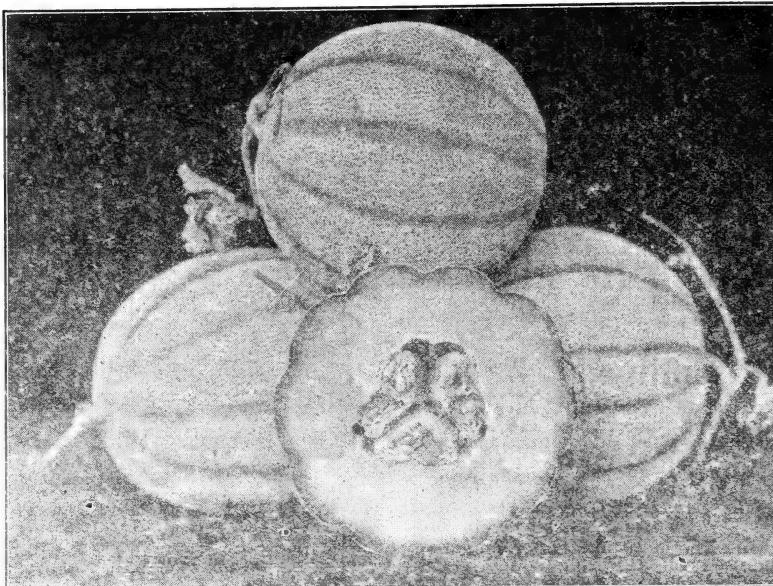
Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.25; postage paid.

IMPERIAL 847: An excellent black-seeded strain for late spring or summer sowing, on account of its remarkable resistance to heat. The plants are low growing, medium sized and compact. The heads are medium sized, firm, dark green and of excellent quality.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 70c; 1 lb. \$2.35; postage paid.

CHICKEN LETTUCE: This lettuce yields an immense amount of chicken or rabbit feed. It does not form a head, but sends up stalks 3 to 4 feet high loaded with leaves. These leaves can be pulled off like kale. When cut, it starts to grow again.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.



Hearts of Gold Muskmelon

Muskmelon

Plant in rich warm soil after danger of frost is past and weather warms up. In our section this will be from the middle of May to first week in June. Sow plenty of seeds in hills 4 to 5 feet apart and thin down to 4 or 5 plants when well started.

BENDER'S SURPRISE: A large size, oblong, greenish-yellow melon, slightly ribbed with coarse netting. Attractive salmon-colored flesh, very thick and sweet. An excellent variety for shipping or for home gardens.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

HALEY'S BEST is an extra early salmon fleshed cantaloupe of remarkable flavor, very sweet and spicy. Seed cavity is very small with corresponding thick flesh. Type oblong, well netted, and medium size. A heavy yielder and a good shipping melon.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

BANANA MUSKMELON: Yellow fleshed. Grows 15 to 20 inches long, four to six inches in diameter. The thick salmon colored flesh has a delicious flavor and gives out an aroma like a banana.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

ROCKY FORD: An old favorite cantaloupe. Many prefer its spicy delicious flavor to all others. Very popular in the markets. Type small and round with heavy netted rind, flesh green. We carry a select stock of Rocky Ford.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

HEARTS OF GOLD: An exceptionally fine melon for the home garden. Also used in some sections extensively as a market melon. The melons are not large but of convenient size for table use. The rind is very firm and heavily netted; flesh rich, deep orange color; thick and of remarkable sweetness.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

HONEY DEW: Something very distinct in melons. Skin perfectly smooth and of delicate yellow color. Rind thin but very firm—flesh white to emerald green. Honey Dew is very sweet and has a decided honey flavor, very delicious.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.

Watermelons

Instructions for growing same as for Musk-melons.

COLE'S EARLY: Very early and a sure melon for our cooler sections. Oblong in shape and of good size, mottled green in color with thin brittle rind. Flesh is good red and very sweet, seeds black.

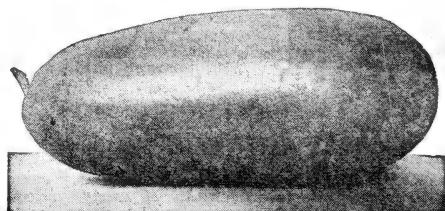
Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

KLECKLEY'S SWEET: A splendid sort. One of the sweetest of melons. Skin dark green, flesh bright red and very delicious. Valuable both as a market sort and as a home melon. A great favorite. Early and a heavy producer.

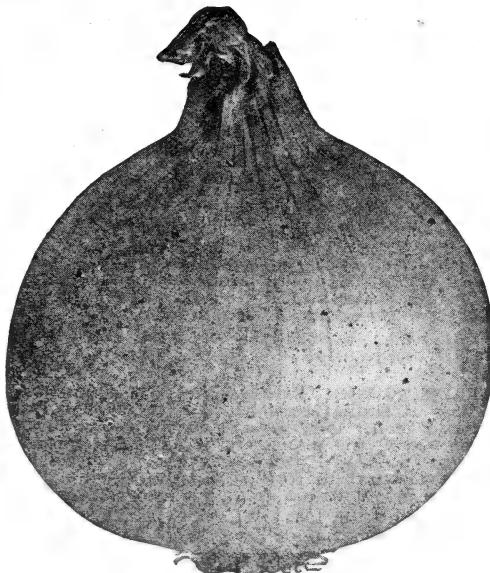
Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

BLACK SEEDED KLONDIKE is a very high quality melon for the home use or shipping. The shape is medium long, slightly tapering at the seed end. Skin dark green, rind thin but tough. The flesh is dark red, very sweet and delicious.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.40; postage paid.



Kleckley's Sweet



Yellow Sweet Spanish Onion

STRIPED KLONDIKE is about the same size and shape as the green Klondike, maybe a little larger. The stripes run lengthwise and are very vivid. The flesh is extremely sweet, thick, and of the best quality. The rind is thin, hard and tough, making it desirable for shipping.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.40; postage paid.

KING AND QUEEN "WINTER WATERMELON": One of the chief values of this fine, small round melon is its keeping qualities. The skin is a light cream with faint green stripes. The flesh is a deep red, very sweet and of excellent quality. Seeds, small and black. The rind is extremely strong, making it an excellent shipper.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

Okra or Gumbo

DWARF GREEN grows low and stocky. Is very productive. Okra pods are used in soups, stews and salads. The pods should be gathered each day while still tender and pulpy. Sow in open ground in May.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 60c; postage paid.

Mustard

Used extensively for greens and hard to beat for that purpose. Sow any time early spring to August 1st.

SOUTHERN GIANT CURLED produces large, dark green leaves with extra curled edges. Fine for salads and greens.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; postage paid.

WHITE LONDON MUSTARD: Mostly grown for its large, round yellow seed, which is used extensively in pickles and for seasoning; also for greens.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; postage paid.

Onions

Onions have become an established cash crop in most of the irrigated sections of the West. If you are growing onions commercially, good seed of the most popular market strains is of very great importance.

MOUNTAIN DANVER'S is an extra early, good yielding market variety. Bulbs nearly round, neck small and yellow in color. A good keeper, being extremely hard and firm.

Pkt. 10c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.00; postage paid.

YELLOW GLOBE DANVERS: This fine onion is of large size. An early and abundant cropper. Bulbs are very thick, neck small. Handsome in appearance and a good dark yellow color. A good variety for this section and a good market onion.

Pkt. 10c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.10; postage paid.

SOUTHPORT RED GLOBE: The Southport Red Globe is an excellent market onion on account of its appearance and keeping qualities. Very large and uniform in size, deep red in color and a good yielder.

Pkt. 10c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.10; postage paid.

SOUTHPORT WHITE GLOBE: This onion grows to a very large size and is a perfect globe shaped sort. Color pure white, a good keeper and excellent market variety.

Pkt. 10c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.15; postage paid.

EXTRA EARLY BARLETTA: Largely grown for pickling and especially good for early green onions. Bulbs medium small, almost round in pickling stage, but become flat. Flesh white, sweet, and very mild.

Pkt. 16c; 1 oz. 70c; $\frac{1}{4}$ lb. \$2.40; postage paid.

SILVER SKIN or WHITE PORTUGAL: This beautiful white onion is fine for growing early bunch onions. It has a fine, mild flavor and is one of the best keeping white onions. Size medium, type inclined to be partly flat. A good home garden sort.

Pkt. 16c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.10; postage paid.

CRYSTAL WAX is not a long keeper but is an excellent variety for early marketing or for home use. This pure white, medium sized, flat onion is extremely sweet and mild.

Pkt. 10c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.10; postage paid.

YELLOW SWEET SPANISH (Utah Strain): This is a large, fine uniform typed market onion, averaging 1 to 3 pounds. The Utah strain is a special selection from the original imported Sweet Spanish. Bulbs are true globe type, neck very small and when thoroughly cured makes a very good keeper, and especially heavy yielder.

Pkt. 10c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.15; postage paid.

WHITE SWEET SPANISH is in many respects similar to the Valencia type especially in mildness of its flavor. The pure white flesh is fine grained and unusually sweet and mild. Its white skin makes it a very desirable onion for the market.

Pkt. 10c; 1 oz. 70c; $\frac{1}{4}$ lb. \$2.40; postage paid.

For larger quantities on all onion seed write for prices.



Onion Sets. See Page 14.

ONION SETS

Onion sets are perishable; they do not keep well except while weather is cool, and in consequence we have to be careful not to overstock them. Anyone wanting sets should get their orders in just as early as possible.

White Bottom Sets, 1 lb. 30c; 5 lbs. \$1.15; 10 lbs. \$2.10; postage paid.

Yellow Bottom Sets, 1 lb. 25c; 5 lbs. \$1.10; 10 lbs. \$2.00; postage paid.

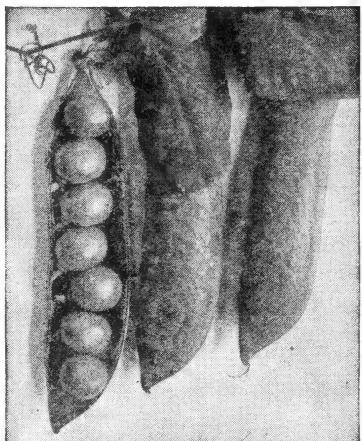
Onion Set prices subject to change.

Peas

Peas can and should be planted as soon as the ground is ready for work. The smooth seeded varieties should be planted first for earliest use and followed soon as ground warms up, with the wrinkled strains for later use. Sow them real thick for best results—1 pound to 50 feet of row.

EARLY ALASKA (Extra Early): Well-known and extensively used as an extra early variety. Vine is strong and vigorous, 2 to $2\frac{1}{2}$ feet tall, pods $2\frac{1}{2}$ to 3 inches long and well filled. Ready for picking about 60 days from planting. Peas round, slightly pitted. Quality good; very productive.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.15; 10 lbs. \$2.20; postage paid.



Early Alaska Peas

HUNDREDFOLD is an early dwarf wrinkled variety of the Laxtonian type. Vines 2 feet high, sturdy and very productive, pods dark green, four inches long, containing 6 to 8 large dark green peas of excellent quality.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

AMERICAN WONDER is a very early wrinkled variety, of dwarf habit, from 9 to 12 inches tall, producing an abundance of good sized and well filled pods. American Wonder is of very fine flavor, sweet and delicious.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.20; postage paid.

PREMIUM GEM is a medium early vigorous grower, producing vines from 18 to 24 inches tall, a heavy yielder of well filled pods about 3 inches long, with green wrinkled peas of medium size, very sweet and tender.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.20; postage paid.

LAXTONIAN is a large podded, extra early strain of exceedingly fine quality, grown extensively both as a home garden and market sort. Medium dwarf in habit of growth, but with very large pods, averaging five to six inches in length. Pods well filled with large peas of great sweetness; seldom any blank spaces in pods.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

LITTLE MARVEL is one of the finest, early dwarf wrinkled peas. A fine variety for either the home or market garden.

Height 18 inches, foliage and pods very deep green; pods 3 inches long, nearly round and square ended, containing 6 to 8 very dark green peas of high quality. Very productive.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.30; postage paid.

BLISS EVERBEARING (Late): The vines are strong, attaining a height of $2\frac{1}{2}$ feet. Pods are about 3 inches long. If the first pods are picked when ready, the plants throw out new branches bearing pods which will mature in succession, which accounts for the name "Everbearing." The peas are large, wrinkled, and of good flavor.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.20; postage paid.

CARTER'S DAISY or DWARF TELEPHONE (Late): Vines 18 to 20 inches high with rather coarse foliage, medium light green in color. Pods about four inches long and well filled with large, delicious wrinkled peas.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.20; postage paid.

CARTER'S TELEPHONE (Late Pole Pea): An excellent late, wrinkled variety for the market garden or the home use. The tall, dark green vines are coarse and very productive. The large, dark green pods are about $5\frac{1}{2}$ inches long, containing 8 to 10 large peas of the highest quality.

Pkt. 10c; $\frac{1}{2}$ lb. 15c; 1 lb. 30c; 5 lbs. \$1.20; 10 lbs. \$2.20; postage paid.

Parsley

MOSS CURLED: A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable.

Pkt. 10c; 1 oz. 15c; $\frac{1}{4}$ lb. 55c; 1 lb. \$1.80; postage paid.

Parsnips

Sow as early in spring as ground can be worked in drills about 18 inches apart. Do not cover deep. Hoe and cultivate often. Can be left in ground all winter, which improves the flavor.

HOLLOW CROWN SUGAR: This is the most popular and perhaps the best all-around variety of parsnip. Roots are long, white, smooth and tender, of excellent flavor.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.10; postage paid.

GUERNSEY: The roots are medium long with a broad shoulder, tapered uniformly to tip. The skin is quite smooth and light in color. The flesh is fine grained, tender and sweet.

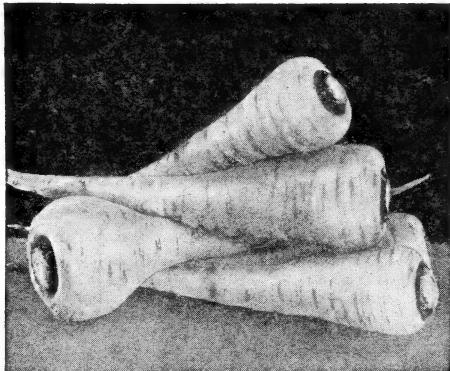
Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 65c; 1 lb. \$2.10; postage paid.

Peppers

Sow in hotbed in March and when soil has become warm transplant in rows two feet apart and about 18 inches apart in row. Cultivate well. Peppers do very well in this section.

CALIFORNIA WONDER: A heavy producer of early, large, smooth fruits, of a deep green, becoming a bright crimson. Flesh thick and firm, sweet and of distinct flavor. Plants thrifty and upright. An especially good pepper for the home garden or the market gardener.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 60c; $\frac{1}{4}$ lb. \$1.65; 1 lb. \$6.00; postage paid.



Hollow Crown Sugar Parsnip

RUBY KING: An early improved sort reaching a very large size, yet retaining the symmetrical shape of the smaller sorts. An old favorite.

Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.00; postage paid.

CHINESE GIANT is one of the best of the large Mango peppers. Its mammoth size, splendid shape and mild flavor command it very highly.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; $\frac{1}{4}$ lb. \$1.65; 1 lb. \$6.00; postage paid.

PIMENTO OR PERFECTION: A medium early, prolific, perfectly mild variety, with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole.

Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.00; postage paid.

LARGE BELL OR BULL NOSE: A very large sort of inverted bell shape. Suitable for filling or for mixed pickles. Flesh thick, hard and less pungent than most sorts.

Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.00; postage paid.

RED CHILI PEPPER: Used in the manufacture of pepper sauce and in salads.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 45c; postage paid.

LONG RED CAYENNE: An excellent hot variety, used for canning and in pickles; also drying for winter use. Plants large and very prolific. Fruits long; deep green becoming bright red; very pungent.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 45c; postage paid.

Pumpkins

SMALL SUGAR PIE: A rather small but handsome variety. Shape round, skin deep orange color, flesh fine grained and sweet.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.10; postage paid.

TENNESSEE SWEET POTATO PUMPKIN—Very hardy, productive, sweet and delicious. One of the best for cooking purposes, also an excellent variety for pies.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.10; postage paid.

BIG TOM: One of the best varieties for field purposes. Particularly desirable for stock feeding. Grows to very large size.

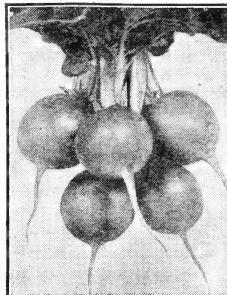
Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00; postage paid.



Small Sugar Pie Pumpkin

KING OF MAMMOTHS: Grows to enormous size, the largest pumpkin in cultivation. It is always a winner at fairs and exhibitions. Exceptionally valuable for stock feeding.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50; postage paid.



Radish

EARLY SCARLET TURNIP: The standard early turnip radish, small, round, bright red, of very quick growth, crisp and tender. Scarlet turnip is a very popular radish.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

SPARKLER—WHITE TIPPED: One of the most popular and attractive of the early turnip sorts. The roots are of good size, bright scarlet on top, lower half white, making a very beautiful contrast.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

FRENCH BREAKFAST: Medium sized and very early. Shape oval or half long. Color bright red with white tip; crisp and tender. A beautiful radish and a favorite early sort.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

CRIMSON GIANT: This large sized turnip shaped radish does not get hollow or pithy quickly. The flesh is white, solid, crisp and of the mildest flavor. Shape varies from round to oval.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

CINCINNATI MARKET: The tops of this splendid radish are very small. A long, handsome, scarlet radish, ready for use about 25 days from sowing and remains in good condition until fully grown.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

WHITE ICICLE is a beautiful transparent white variety. From 3 to 8 inches long, with small tops. Crisp and brittle and remains in good condition a long time.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

CHINESE ROSE WINTER. Bright rose color. Shape cylindrical or largest at bottom. One of the very best for winter use. Flesh firm, crisp and tender.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

CALIFORNIA MAMMOTH WHITE: First introduced into this country by the Chinese in California. It is pure white, about one foot long and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.



Spinach

Rhubarb

A very good way to get rhubarb is to sow the seed in very rich soil and transplant the roots the following autumn to trenches well filled with good soil mixed with well-rotted manure.

VICTORIA OR MAMMOTH: Very large, fine cooking variety. Stalks a beautiful red. Gives satisfaction everywhere.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 55c; postage paid.

Salsify or Oyster Plant

MAMMOTH SANDWICH ISLAND: A delicious vegetable used in stews and soups. Cultivate the same as parsnips. A part of the crop can be left in the ground until spring when it will be found fresh and plump.

Pkt. 10c; 1 oz. 20; $\frac{1}{4}$ lb. 60c; 1 lb. \$2.00; postage paid.

Spinach

Sow early as possible in the spring for early use or in August for fall use. If you sow in September or October, or even later, let stand through the winter, it will bring you very early spring greens.

KING OF DENMARK: The large leaves are round, somewhat blistered and deep green in color. The plants grow vigorously and remain in good condition over a long period.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.30; postage paid.

BLOOMSDALE: A great favorite. Thick, dark leaves, closely crimped, very fine quality, early and lasts well.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

LONG STANDING: Produces large thick, dark green leaves somewhat crumpled. Comes early and lasts well for summer use. Popular for market.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

NOBLE GIANT: A very heavy yielder of large, smooth, deep green, tender leaves. The plants grow rapidly and remain in good condition a long time. An excellent variety for the home and market gardener.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.30; postage paid.

Squash

WARTY HUBBARD: A popular old standard variety. Very dark green color, skin heavily warted. A wonderful keeper and none better in quality. Flesh thick, bright yellow, dry and sweet.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.60; postage paid.

DELICIOUS: Is an early medium sized, oval shaped good keeping squash. The flesh is very thick, fine grained, yellow in color and of excellent quality.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.60; postage paid.

BANANA: This very popular, good keeping squash grows from one to two feet in length. The flesh is firm, orange yellow in color and of excellent quality.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.30; postage paid.

YAKIMA MARBLEHEAD: The Marblehead variety belongs to the Hubbard family. It is, however, considerably earlier in maturity and highly resistant to curly top. The rind is quite smooth, hard, and slate gray in color. The dry, sweet flesh is very thick and of extra good quality.

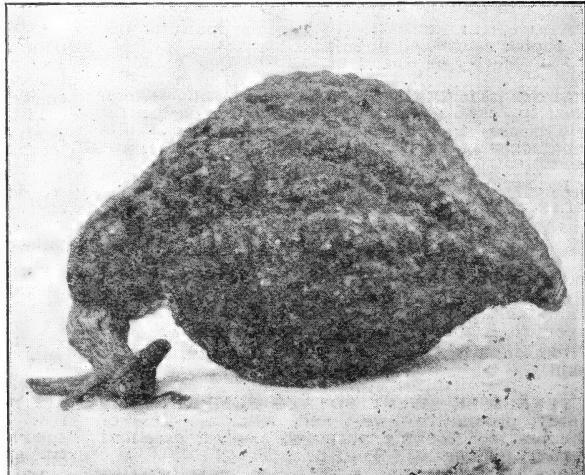
Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.30; postage paid.

EARLY WHITE BUSH SQUASH (Summer Squash): Is earlier than any other variety. Of dwarf habit and very productive. Color white, shape scalloped.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25; postage paid.

EARLY SUMMER YELLOW CROOKNECK SQUASH: Early and prolific. The fruits are true crook-neck type, heavily warted and of a light golden orange color. Of excellent quality.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.30; postage paid.



Warty Hubbard Squash



Banana Squash

TABLE QUEEN: Is a small dark green, acorn shaped squash of excellent quality. The flesh is light yellow, fine grained and of good flavor. Matures early and is a good keeper.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.30; postage paid.

MAMMOTH CHILI: Attains an enormous size, often reaching a weigh of 200 pounds. Despite its size, the flesh is rich and fine flavored. It is particularly valuable for stock feeding and for exhibition purposes. An enormous yielder.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.35; postage paid.

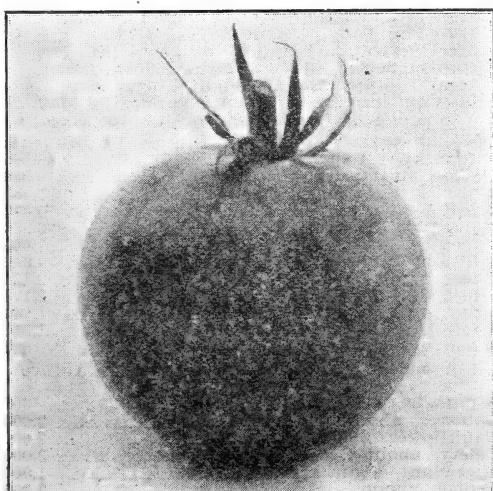
Tomatoes

BREAK O'DAY: The fruits of this early variety are of globe shape, smooth, large and solid with a small seed cavity. The vines are of medium foliage and very prolific.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.15; 1 lb. \$4.00; postage paid.

BURBANK: A very early, productive tomato of excellent quality. Bright crimson, smooth, unusually heavy and firm with few seeds. Keeps well and a good shipper. Very resistant to wilt and other diseases. Has the unusual feature of being easily peeled.

Pkt. 10c; 1 oz. 45c; $\frac{1}{4}$ lb. \$1.40; 1 lb. \$5.00; postage paid.



Maryglobe Tomato

MARGLOBE: A very wilt resistant, handsome, large, deep red, globe shaped tomato. The plants are dark green, vigorous and very productive. The fruits are very solid and of excellent quality.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.15; 1 lb. \$4.00; postage paid.

JOHN BAER TOMATO: An extra early tomato of remarkable quality, perhaps the most popular variety in this section. Fruit large, smooth, firm and of a bright red or scarlet color. It's hard to beat the John Baer.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.15; 1 lb. \$4.00; postage paid.

PONDEROSA: A purplish pink tomato of enormous size. Medium early, a good bearer and of good flavor. Ponderosa has many admirers, and if one wants a very large tomato this variety is unequalled.

Pkt. 10c; 1 oz. 55c; $\frac{1}{4}$ lb. \$1.65; postage paid.

OXHEART TOMATO: The fruits are very large, smooth and solid with very few seeds, some weighing 2 lbs. each and a purplish scarlet in color, with a distinct exheart shape and of excellent flavor.

Pkt. 15c; 1 oz. 85c; $\frac{1}{4}$ lb. \$2.65; postage paid.

BONNY BEST: An early general purpose tomato, particularly valuable for canning and as a forcing variety under glass; fruit medium size of flattened globe shape, smooth, firm and ripens evenly close up to stem, color bright deep scarlet red; a vigorous grower, very prolific and uniform in size.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.10; 1 lb. \$3.75; postage paid.

EARLIANA: This is the earliest of all tomatoes, without doubt. Large in size and beautiful in color, nearly seedless and very solid and vigorous grower and a heavy yielder. A great favorite in this locality.

Pkt. 10c; 1 oz. 40c; $\frac{1}{4}$ lb. \$1.15; 1 lb. \$4.00; postage paid.

YELLOW PEAR TOMATO: A small yellow pear-shaped variety used for preserving.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.60; postage paid.

HUSK TOMATO OR GROUND CHERRY: Fruit golden yellow, size of a cherry. Fine for pies or preserves. Easy to grow—simply sow them and let them grow.

Pkt. 10c; 1 oz. 50c; $\frac{1}{4}$ lb. \$1.60; postage paid.

Garden Huckleberry

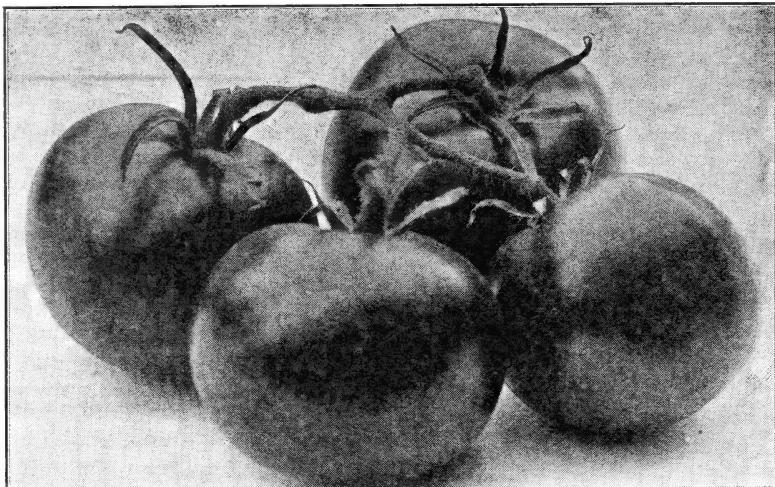
The seed should be started in boxes or cold frames and set out the same as tomatoes. The bushes are about 3 feet tall, which bears bunches of black berries, tomato-shaped, $\frac{1}{2}$ to $\frac{3}{4}$ inch in diameter, which make excellent pies and preserves. The culture is the same as with the tomato.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c; postage paid.

Turnip

PURPLE TOP WHITE GLOBE: An early variety. Globe-shaped, heavy cropper. A handsome looking bulb, grows quite large. Good for both table and stock feeding.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 65c; postage paid.



John Baer Tomato

PURPLE TOP STRAP LEAVED: Rapid grower and of mild flavor. Good for both table use and stock feeding. A large variety and an old favorite.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb.
25c; 1 lb. 75c; postage paid.

EARLY WHITE EGG: A favorite early turnip with our trade. It is oblong in shape; skin very white; flesh firm, sweet.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb.
25c; 1 lb. 80c; postage paid.

EARLY SNOWBALL: A perfectly globe-shaped white-skinned turnip. Exceedingly productive. The flesh is fine grained, firm and of very delicate flavor.

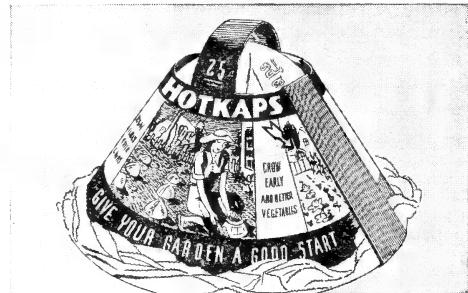
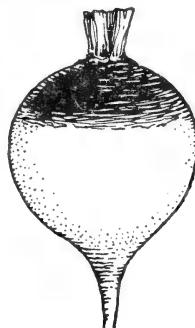
Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb.
25c; 1 lb. 80c; postage paid.

AMBER GLOBE: One of the best yellow fleshed varieties. The roots are of large size and globular shape. The skin is clear yellow except the top, which is tinged with green. The flesh is light yellow, fine grained and sweet. This variety keeps well and is a good cropper.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 80c; postage paid.

GOLDEN BALL (ORANGE JELLY): A splendid medium early, yellow fleshed table variety. Tops small, roots globular. Commonly 4 inches in diameter, skin smooth and orange yellow. A splendid turnip for home use or market gardener.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 80c; postage paid.



Protects plants from frost and other elements, matures crop earlier, keeps insects out, keeps soil soft. They are made of specially prepared waxed paper and are conelike in shape. Hotkaps are individual miniature hothouses. Prices F.O.B. Twin Falls:

25 Pkg., Complete, Weight 2 lbs., 50c.
100 Pkg., Complete, Weight 5 lbs., \$2.85.
250 Pkg., Complete Weight 9 lbs., \$4.25.
1,000 Pkg. Only, Weight 28 lbs., \$11.00.
Steel Setter and Tamper, Weight 4 lbs., \$1.60.
Garden Setter, Alone, Weight 10 ozs., 50c.
Steel Tamper, Alone, Weight 6 ozs., 25c.
We Can Ship Up to Seventy Pounds by Mail.

Number of Plants Required to the Acre

Distance Apart	No. of Plants
1 foot by 1 foot	43,560
1½ feet by 1½ feet	19,360
2 feet by 1 foot	21,780
2 feet by 2 feet	10,890
2½ feet by 2½ feet	6,960
3 feet by 2 feet	7,600
3 feet by 3 feet	4,840
4 feet by 4 feet	2,720
5 feet by 4 feet	2,178
5 feet by 5 feet	1,740
6 feet by 6 feet	1,210
8 feet by 8 feet	680

Number of Plants Produced From an Ounce of Seed

Asparagus, about	300
Cabbage, about	2,000
Cauliflower, about	2,000
Celery, about	3,000
Egg Plant, about	1,000
Pepper, about	2,000
Tomato, about	3,000
Sage, about	1,000

Rutabaga or Swedish Turnip

DANISH BANGHOLM: A rutabaga of great merit. One of the best for general crop. It produces a globe-shaped root, with smooth skin and light yellow flesh which is firm and sweet.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50; postage paid.

IMPROVED AMERICAN: This is a fine purple topped variety. Flesh yellow and very sweet; one of the best sorts for table use, also for stock feeding.

Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50; postage paid.



We obtain our flower seeds from the best flower seed growers and dealers and handle nothing but the finest strains. Our stock is bought in bulk and packaged by ourselves.

ANNUAL FLOWER SEEDS

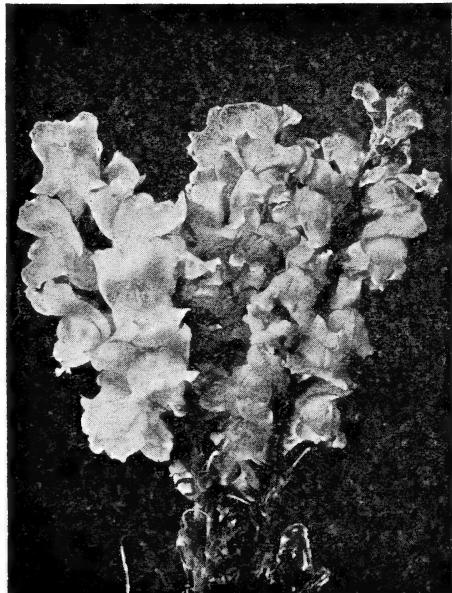
ALYSSUM—LITTLE GEM: An extra fine strain, the very finest. Dwarf, compact plants, producing a mass of pure white bloom from spring until fall frost. Fine for borders, edging and ornamental work.

Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c; 1 oz. 85c.

ALYSSUM—VIOLET QUEEN: A new dwarf, compact variety, especially well suited for borders and bedding purposes. The very pretty, bright violet flowers are very pleasing and fragrant.

Pkt. 15c; $\frac{1}{8}$ oz. 35c.

ANTIRRHINUM—SNAPDRAGON: This fine old-fashioned flower blooms continuously until late in the fall. Grows two or three feet tall. The long spikes of brilliant colored flowers are valuable for cutting. Sown in early spring it blooms freely the first season and will live throughout the winter, coming on again the next season.



Antirrhinum Snapdragon

SNAPDRAGONS—Finest mixed—containing all choice varieties.

Pkt. 10c; $1/16$ oz. 25c; $\frac{1}{8}$ oz. 40c.

Copper Bronze, Pkt. 15c; $1/16$ oz. 35c; $\frac{1}{8}$ oz. 60c.
Pink, Pkt. 15c; $1/16$ oz. 35c; $\frac{1}{8}$ oz. 60c.
Yellow, Pkt. 15c; $1/16$ oz. 35c; $\frac{1}{8}$ oz. 60c.
Deep Scarlet, Pkt. 15c; $1/16$ oz. 35c; $\frac{1}{8}$ oz. 60c.
White, Pkt. 15c; $1/16$ oz. 35c; $\frac{1}{8}$ oz. 60c.
Deep Rose, Pkt. 15c; $1/16$ oz. 35c; $\frac{1}{8}$ oz. 60c.

AGERATUM: An early, constant bloomer. During the summer months the bright flowers are produced in the greatest profusion. The dwarf varieties are desirable for borders and edging and the tall varieties are fine for cut flowers.

Dwarf Sorts, Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 35c.
Tall Sorts, Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

ARCTOTIS—Blue Eyed African Daisy: It forms many branch bushes, 2 to 3 feet high, its daisy-like flowers are pearly white with a gold band surrounding a delicate mauve center. Foliage gray-green. Especially good cut flower.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

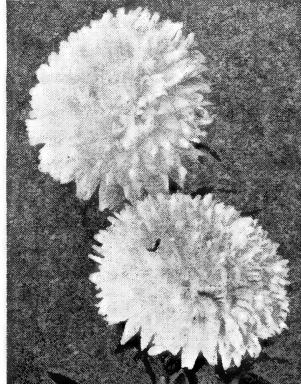
ASTERS

SPECIAL MIXED ASTERS: This is a special mixture of the distinct colors of the tall growing Asters, selected from the American Beauty, Giants of California, Ostrich Feather, King, Giant Branching and other desirable sorts.

Pkt. 15c; $\frac{1}{8}$ oz. 45c.

QUEEN OF THE MARKET: An early aster of graceful spreading habit. Colors run white, pink, crimson, scarlet, light blue, lavender and dark blue. We carry this strain in the mixture only.

Fine Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Asters

CREGO ASTERS: This type of Aster produces flowers of immense size, borne on stems 12 inches or more in length. Petals are wonderfully curled and twisted, resembling Chrysanthemums. Blooms from late August to October.

White	Crimson
Pink	Lavender
Deep Rose	Dark Blue

Each of above, Pkt. 10c; $\frac{1}{4}$ oz. 65c.
Mixed, all colors, Pkt. 10c; $\frac{1}{4}$ oz. 55c.

GIANT COMET ASTERS: The large, double flowers are of the finest type, resembling Chrysanthemums in size and appearance. Giant Comet, special mixture of many colors.

Pkt. 10c; $\frac{1}{4}$ oz. 60c.

CALIFORNIA GIANT ASTERS: The flower is of the Crego or Ostrich Feather type, but more substantial and larger, measuring 5 to 6 inches in diameter combined with the robust habit of growth and length of stem that characterizes the Beauty type. A splendid cut flower.

White	Light Blue
Deep Rose	Peach Blossom
Dark Purple	

Each of the above, Pkt. 15c; $\frac{1}{8}$ oz. 45c.
Mixed, all colors, Pkt. 15c; $\frac{1}{4}$ oz. 75c.

HEART OF FRANCE ASTER: The large beautiful, deep ruby red, well rounded and fully double blooms are borne on extra large stems and are excellent for cutting. The plants are of the branching type and very robust habit.

Pkt. 15c; $\frac{1}{4}$ oz. 75c.

ASTERS, SINGLE GIANTS OF CALIFORNIA: The large flowers are from 3 to 4 inches in diameter, made up of graceful petals surrounding a small, yellow, contrasting center. Blooms profusely in midseason. The plants are branching, 2½ feet tall. Mixed, all colors.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

ASTERS, GIANT CALIFORNIA SUNSHINE: The large flowers are 4 or more inches across with loosely placed outer petals contrasting with the creamy yellow or blue centers, which are composed of many showy tiny quills. The plants grow from 2½ to 3 feet high and bear blossoms on stiff stems 18 to 20 inches long. Excellent for cutting. Mixed, all colors.

Pkt. 20c; $\frac{1}{8}$ oz. 65c; $\frac{1}{4}$ oz. \$1.20.

IMBRICATED POMPOM ASTERS: The upright plants often produce as many as 20 small pompom flowers of various shades to the plant. Blooms very early. Excellent for cutting and has unusual keeping qualities. Height 15 inches. Mixed, all colors.

Pkt. 15c; $\frac{1}{4}$ oz. 90c.

BALSAM—LADY SLIPPER: Beautiful half hardy annuals from one and a half to two feet in height. Sow seed early in spring and protect against frost. All best varieties mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

CASTOR BEAN (See Ricinus)

CANDYTUFT: Showy, hardy annuals, very useful for edging and masses; excellent for cutting. Continuous bloom from July to October.

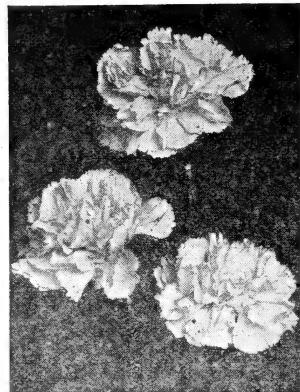
Giant Hyacinth-Flowered White, Pkt. 10c; $\frac{1}{4}$ oz. 40c.
Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

CALENDULA "POT MARIGOLD": One of the finest free flowering, hardy, annuals, producing a fine effect in beds or borders. The flowers are ball shaped and of a bright glistening orange color.

Special Mixture, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

CLARKIA is very popular as a summer annual, very hardy and easy to grow in ordinary garden soil. Plants grow about two feet high. Are very profuse bloomers and are exceedingly bright and attractive, especially in large masses.

Special Mixture, all colors, Pkt. 10c; $\frac{1}{8}$ oz. 40c.



Carnation

CARNATION: Giant Margaret Mixed—These Carnations have created a sensation, not only on account of their beautiful colors, but unlike all others, they bloom in about four months from sowing the seed. Bloom until checked by frost.

All Colors mixed, Pkt. 15c; $\frac{1}{8}$ oz. 50c.

CALIFORNIA POPPY: The state flower of California. A bright free flowering plant of low spreading growth. The poppy-like flowers of yellow-orange center are produced from early spring until frost.

Golden West, finest yellow, Pkt. 10c; 1 oz. 50c.

CYPRESS VINE: A most beautiful and popular tender climber, with delicate, fern-like foliage and numerous bright red and white star-shaped flowers.

Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

CENTAUREA—BACHELOR'S BUTTON: Known as Ragged Sailor or Cornflower. One of the most popular old-fashioned flowers. Easy to grow and always furnishes an abundance of bright, cheerful bloom. Colors run to blues and pinks.

Finest Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.



Cosmos

CALLIOPSIS: One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.

Finest Mixed, Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

CARDINAL CLIMBER: The foliage of this fine annual vine is very delicate and beautiful, will attain a height of 15 to 20 feet in a season. The leaves are of a lacy appearance. The flowers are like small Morning Glories, bright cardinal in color.

Pkt. 10c; $\frac{1}{4}$ oz. 50c.

COSMOS-EARLY FLOWERING SINGLE: A very effective flowering plant with beautiful foliage, growing about 3 feet high, literally covered with a large daisy like flower in shades of red, white and pink. Excellent as a cut flower.

Best early single mixed, Pkt. 10c; $\frac{1}{4}$ oz. 20c; 1oz. 60c.

COSMOS — EARLY FLOWERING DOUBLE: Grows to a height of about 3 feet, forming a perfect bush, bearing beautiful double crested flowers of good size, on long stems. In shades of crimson, pink and white.

Best early double mixed, Pkt. 15c; $\frac{1}{4}$ oz. 75c.

COBAEA—CATHEDRAL BELL (Vine): One of the handsomest and most rapid-growing climbers. The flowers are bell-shaped and of a purplish, lilac color when full grown. It is a very prolific bloomer and vigorous in vines and flowers. A hairy annual.

Pkt. 10c; $\frac{1}{4}$ oz. 35c.

CRESTED COXCOMB OR CELOSIA are interesting and brilliant annuals, which form flower heads that has the resemblance of a roosters comb. In texture they are like plush or chenille. Fine for borders or edging.

Best selected mixture, of tall sorts, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

CRESTED COXCOMB, EMPRESS: The dwarf plants grow about 12 inches high, have dark bronze foliage and large combs of deep, velvety crimson-purple.

Empress, Dwarf, Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 80c.



Four o'Clock

DAHLIA, DOUBLE AND SINGLE MIXED: Sow the seed early in pots or boxes or under glass and transplant in rich soil and plants will bloom the first season. They are very striking and entirely new varieties are sometimes produced from seed.

Best double and single mixed, Pkt. 20c; 1/16 oz. 50c; $\frac{1}{8}$ oz. 90c.

DIANTHUS — DOUBLE ANNUAL GARDEN PINKS: The flowers of this popular annual are distinguished for their brilliant contrasting variety of colors, appearing in each flower. Starts blooming very early and continues until frost.

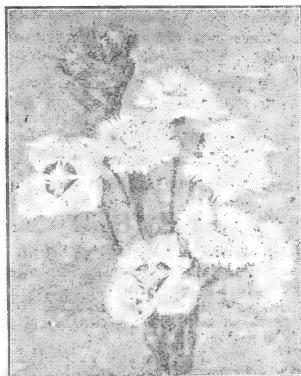
Best special mixture, all double varieties, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

DIANTHUS—ANNUAL PINKS: This excellent annual blooms continually all summer long and is very beautiful, fragrant and lasting as a cut flower. Of easy culture.

Special mixture—double and single mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

FOUR O'CLOCK, Marvel-of-Peru: An old and well-known favorite. Fine trumpet-shaped flowers in many colors, making a fine summer hedge. Set one foot apart. Sow as soon as danger of frost is past. Bloom first season from seed.

Best mixed, Pkt. 10c; $\frac{1}{2}$ oz. 15c; 1 oz. 25c.



Dianthus Double Annual Garden Pink

GERANIUM—Giant Flowering Mixed: This exceptionally fine mixture is made up of many colors of a select giant flowering strain. They are very easily raised and will produce flowers the first year from seed.

Best special mixture, Pkt. 15c; 1/16 oz. 35c; $\frac{1}{8}$ oz. 60c.

GYPSOPHILLA (Angel's Breath or Baby's Breath): Graceful plants of light, fairy-like growth. Much in demand for cutting and combining with other flowers for bouquets and vases. Very easy to grow and very popular.

Elgans, Large Flowering White, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Elgans, Vivid Rose, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

GODETIA: An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil. Many colors mixed.

Double, Gladiolus Flowered Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

GOURLDS: Very desirable for places where an immense amount of vine is wanted quickly. The flowers are often beautiful and the fruit ornamental and sometimes useful.

Best mixed, Pkt. 10c; 1 oz. 30c.

HELIANTHUS—DOUBLE SUNFLOWER: These dwarf double sunflowers are very showy and attractive and worthy of a place in every garden. Produce immense ball-shaped yellow blooms.

Finest double mixed, Pkt. 10c; 1 oz. 30c.

HELIOTROPE: Deliciously fragrant flower of rich purple hue. The flowers and leaves have a mossy effect. Bloom from seed the first summer if sown early in spring.
Dark flowering varieties mixed, Pkt. 10c; $\frac{1}{8}$ oz. 50c.

KOCHIA, OR BURNING BUSH: Summer Cypress or Burning Bush. Forms dense bushes of cypress-like appearance. During early fall they change to carmine and blood red.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; 1 oz. 40c.

LARKSPUR OR ANNUAL DELPHINIUM: The flowers are remarkable for their great beauty, diversity of shades and striking appearance. Desirable for mixed borders. Flowers grow on long spikes and run through various shades of blue, pink and white.

Giant Hyacinth Flowered, mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.
Giant Imperial, mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

LINUM, OR FLOWERING FLAX: Crimson flax, one of the handsomest annuals ever introduced. Fine foliage, brilliant scarlet flowers. A mass of bloom all summer long.
Pkt. 10c; $\frac{1}{4}$ oz. 25c.

LOBELIA: These are charming little plants covered with numerous small blue blossoms all summer. They flower from seed the first year. Used extensively for borders.

Bedding Queen — Dwarf Flowers deep purple with white eye. Pkt. 10c; $\frac{1}{8}$ oz. 50c.

MOON FLOWER: A beautiful, rapid annual climber. The very dense foliage is covered with large, white flowers every evening and cloudy days. The seed should be notched and soaked in warm water for 24 hours before planting to assist rapid germination.

Giant White, Pkt. 10c; $\frac{1}{2}$ oz. 30c; 1 oz. 50c.

MARIGOLD

MARIGOLD—TALL AFRICAN: The Marigolds are old favorites, free flowering annuals of easy culture. Bloom all season and are very showy with their large yellow and orange blossoms.

Tall African, mixed, large double flowers, Pkt. 10c; $\frac{1}{4}$ oz. 50c.



Marigold (Crown of Gold)

FRENCH MARIGOLD: A dwarf growing strain of Marigolds, more graceful than the tall African variety and of a wider range of color running from the bright yellow into browns. Very attractive as cut flowers.

Dwarf French-Single and Double, mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

MARIGOLD, CROWN OF GOLD: The first Marigold to have odorless foliage. The beautiful, large, orange colored flowers have centers of short, quilled petals, with a collar of flat guard petals on the outside. The plants grow about 2 feet tall.

Pkt. 10c; $\frac{1}{4}$ oz. 40c.

YELLOW SUPREME MARIGOLD: The large, brilliant, lemon yellow blooms are 4 inches across, with broad, loose frilled petals, and have a mild honey fragrance. The plants are vigorous, with foliage practically free from the marigold odor.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

MARIGOLD—SUPREME MIXED: A splendid mixture containing Orange Supreme, Golden Supreme, Primrose Supreme and other shades. The flowers are 4 to 5 inches across with big, frilled petals.

Supreme, mixed, Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c.

MIGNONETTE: No garden is complete without this fragrant plant. Very free flowering and easily raised. An old favorite. Machet Select. This is the finest of sorts.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

MYOSOTIS—Forget-Me-Not: One of the best spring flowers and especially effective when grown in masses. Excellent for beds and borders. Forget-Me-Nots do best in cool, moist soils and half shade, blooming most freely during the spring and fall months.

Alpestris, mixed, Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

MORNING GLORY: Climbing plants unequalled for rapidity of growth and production of blooms; annuals, attaining a height of 30 to 40 feet.

Finest mixed, tall growing, Pkt. 10c; 1 oz. 25c.

HEAVENLY BLUE MORNING GLORY: The large, bright flowers are a true deep blue with a white throat, measuring $3\frac{1}{2}$ to 4 inches across and exceptionally pretty. They blossom profusely and for a long season.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

NASTURTIUMS: No garden is complete without this attractive and popular annual. Its varied and brilliant colors, its refreshing odor makes it desirable for table decoration. Blooms continue until frost.

Tall mixed, finest strains, Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

Dwarf mixed, finest strains, Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

TALL DOUBLE NASTURTIUMS—GLEAM TYPE: This new plant produces a mass of large, semi-double, sweet scented flowers from two and one-half to three inches across. They are borne on erect, stiff stems six inches in length, standing well above the foliage, which are splendid for cutting.

Double Golden Gleam, Rich Golden Yellow, Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

Double Mahogany, Dark Mahogany Red, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. 85c.

Double Scarlet, Fiery Orange Scarlet, Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. 85c.

NASTURTIUMS—DOUBLE GLEAM HYBRIDS: A splendid mixture of large double, sweet scented blooms, on long stems, in gorgeous colors of salmon, golden yellow, orange, scarlet, cerise, cream, yellow and crimson.

Double Gleam, Hybrids mixed. Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 60c.

NIGELLA (Love in a Mist): The plants of this hardy old-fashioned annual are compact and free flowering, with finely cut foliage and attractive large semi-double flowers.

Double Mixed; White and various shades of Blue. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

Miss Jekyll, a lovely corn flower, blue, on long stems.

Pkt. 10c; $\frac{1}{4}$ oz. 20c.

NICOTIANA—SWEET SCENTED TOBACCO: One of the easiest annuals to raise, and one of the most effective. The blossoms in shape are like a Petunia blossom, but with a longer tube. The flowers open toward evening and emit a powerful perfume.

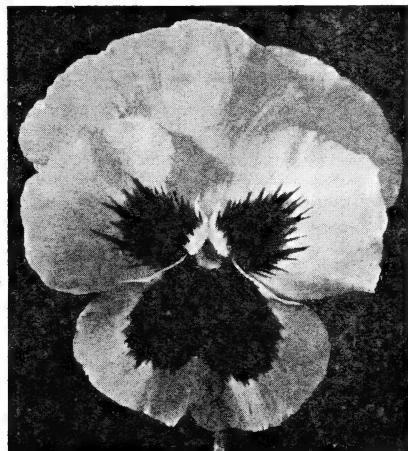
Affinis Hybrids, mixed in shades of white, red and rose. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

PETUNIA: For outdoor decorations or house culture few plants are equal to this class. They commence to bloom early and continue to flower through the entire summer and fall.

Petunia—Hybrids, finest mixed, Pkt. 10c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 75c.

RUFFLED AND FRINGED PETUNIAS: A special mixture of colors of the large flowering and fringed sorts. We are sure no other Petunia mixture can produce flowers of a wider range of colors and markings.

Special Mixture, Pkt. 25c; 3 Pkts. 65c.



Giant Pansy

PANSIES: Seed sown in the open ground in early spring will give fine blossoms in late summer or autumn and a good crop of flowers the following season. Plant in a half shady place and keep well watered.

SPECIAL PANSY MIXTURE: A very choice mixture made up of a number of extra good giant strains.

Special Mixture, Pkt. 15c; 1/16 oz. 50c; $\frac{1}{8}$ oz. 90c.

CASSIER TYPE PANSY MIXTURE: The Cassier types are blotched Pansies, showing three or five large blotches to the bloom, generally on light background. Very striking and attractive.

Cassier Type Mixture, Pkt. 15c; 1/16 oz. 40c; $\frac{1}{8}$ oz. 75c.

GIANT PANSY MIXTURE: Our Giant Mixed embraces all shades, and a great many special strains of the largest and finest sorts known. For great size of blooms, and beautiful types this mixture cannot be surpassed.

Giant Mixture, Pkt. 25c; 1/16 oz. 80c.

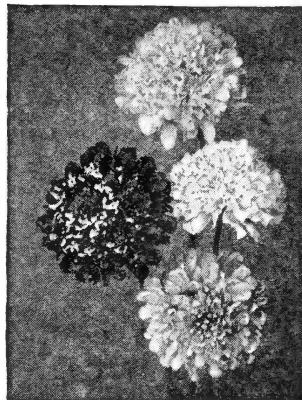
PHLOX DRUMMONDI: This brilliant annual continues to bloom long after most flowering plants are gone, making it a splendid bedding plant. Is easily grown and can be sown as early in the spring as the ground can be worked.

Finest mixed, all colors, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

ANNUAL POPPIES: Showy, large, brilliant, colored flowers, growing freely in any garden soil. Produces a fine effect in clumps or beds.

Best Single Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c.

Double Shirley, Hybrids, mixed; Pkt. 10c; $\frac{1}{4}$ oz. 25c.



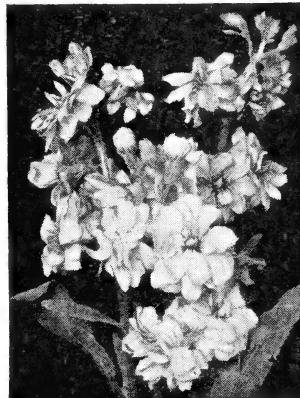
Scabiosa

FLANDERS POPPY: This brilliant scarlet red poppy is the famous poppy of the battlefields of Flanders. It is a single annual.

Pkt. 10c; $\frac{1}{4}$ oz. 25c.

PORTULACA—ROSE MOSS: This plant will grow and bloom profusely in a dry, hot situation. The plants are of a dwarf spreading habit of growth, flowers of double sorts are like a small rose, with its many brilliant colors. Portulaca makes a beautiful attraction.

Best Double Mixed, Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.



Stocks

RICINUS OR CASTOR BEAN: Stately, strong growing plants with very ornamental foliage; well adapted as center plants for beds and give a garden a tropical appearance. The giant leaves often measure two to two and a half feet across.

Pkt. 10c; 1 oz. 20c; $\frac{1}{4}$ lb. 50c.

SCHIZANTHUS—Butterfly Flower: This beautiful and showy annual is one of the most charming flowers for the garden in summer or for the house in winter. The seed germinates readily and in a few weeks the plant is a mass of small but bright flowers in a range of colors all blotched and marked in contrasting shades.

Giant Hybrids, mixed, Pkt. 10c; 1/16 oz. 50c.

SCABIOSA—MORNING BRIDE: Commonly known as the Pin Cushion Plant. The flower stems are long and blossoms keep well in water. When kept well picked will continue to bloom through the summer. Colors range white, yellow, flesh, scarlet, azure, red, crimson and rose.

Finest Strains, mixed, Pkt. 10c; 1/4 oz. 45c.

SCABIOSA, DOUBLE LARGE FLOWERING:

Blue Moon, rich lavender blue. Pkt. 10c; 1/4 oz. 45c.

Pompadour, black purple, white tipped. Pkt. 10c; 1/4 oz. 45c.

Rosette, deep rose, suffused salmon. Pkt. 10c; 1/4 oz. 45c.

SALMON BEAUTY: Pure salmon, giant flowered. Pkt. 10c; 1/4 oz. 45c.

SHASTA IMPROVED: Pure white, enormous size.

Pkt. 10c; 1/4 oz. 45c.

SCARLET RUNNER BEAN: A very hardy annual climber of the bean family; grows rapidly, foliage is quite dense; covered with brilliant scarlet flowers throughout the season. A splendid vine for porches and trellises.

1 oz. 10c; 1/4 lb. 25c.

STRAW FLOWER OR EVERLASTING HELI-CHRYSUM: Excellent for winter bouquets. As the name indicates, when dried they retain their natural colors, and are practically everlasting. Cut before fully expanded, tie in bunches and hang in a warm, dry room.

Special Mixture, of the best and popular shades. Pkt. 10c; 1/4 oz. 30c.

GIANT SWEET SULTANS: Flowers in a way resemble Centaurea or Bachelor Button, but very much larger and finer. One of the hardest and most beautiful annuals. Very hardy and easily grown.

Imperialis Mixed, Pkt. 10c; 1/4 oz. 25c.

SALVIA OR SCARLET SAGE: Of dark green foliage, producing abundance of bright scarlet flowers, born on long spikes, fine for a brilliant color effect. Height about two feet.

Bonfire, finest strain, Pkt. 25c; 1/8 oz. 75c; 1/4 oz. \$1.25.

SALPIGLOSSIS: Only nature can paint its wonderful colors. The beautiful flowers are veined with a glint of gold and are tube shaped, much like a Petunia. Sow seed in open ground in the spring. Blossoms in early summer and continues until frost.

Best Special Mixture, Pkt. 10c; 1/8 oz. 30c.

STOCKS

The Stocks represent all the desirable qualities of a flower. The plants have good growing habits, fine dull, glossy leaves. The flowers appear on long, stiff stalks like small rosettes; are exceedingly fragrant and range through a most complete scale of all the soft distinct shades. The spicy fragrance of Stocks perfume the whole garden and the abundance of beautiful bloom adds greatly to its attraction.

DWARF 10 WEEK STOCKS, Finest Mixed, all colors.

Pkt. 10c; 1/8 oz. 45c; 1/4 oz. 80c.

GIANT PERFECTION STOCKS, Finest Mixed, all colors.

Pkt. 10c; 1/8 oz. 45c; 1/4 oz. 80c.

VERBINA GIANT FLOWERED: Very few plants will make such a gorgeous display during the summer months as Verbenas or furnish more flowers for cutting. Sow seed in open ground in May. They begin flowering in July and are a riot of bloom until after frost.

Giant flowered, Beauty of Oxford Hybrids. Color varies from rose pink to rose red.

Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 90c.

Giant Flowered, Lucifer, bright scarlet. Pkt. 10c; 1/8 oz. 45c; 1/4 oz. 80c.

Giant Flowered, Blue with White eye. Pkt. 10c; 1/8 oz. 45c; 1/4 oz. 80c.

Giant Flowered Salmon Pink, Pkt. 10c; 1/8 oz. 45c; 1/4 oz. 80c.

Giant Flowered, White. Pkt. 10c; 1/8 oz. 45c; 1/4 oz. 80c.

Giant Flowered, mixed, all colors, Pkt. 10c; 1/8 oz. 40c; 1/4 oz. 70c.

VENIDIUM—Festucom Hybrids: A showy plant of grey-green, silky foliage and brilliant flowers, 4 to 5 inches in diameter, with purple-black centers and colors of white, cream, lemon, yellow, orange, and buff. Very lasting cut flower. 2 to 3 feet in height.

Pkt. 20c; 1/8 oz. 75c.

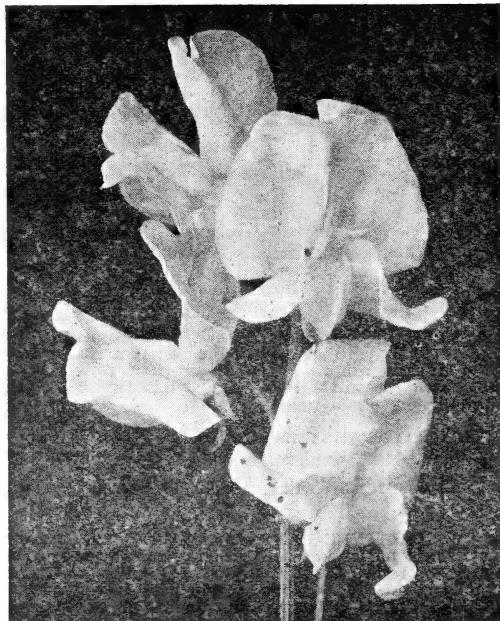
VIOLAS—Carnuta Type are very popular for use in the foreground of the border in beds and in rock gardens. They are easily grown and bloom all through the summer until hard frost. They are of dwarf, spreading habit and bloom first year from seed.

Blue Perfection, medium clear blue. Pkt. 15c; 1/8 oz. 90c.

Special mixture, all colors mixed. Pkt. 10c; 1/8 oz. 65c.

SWEET PEAS

Sow as early in spring as possible, the earlier the better. Soil should be very rich and peas planted deep, 4 to 5 inches; the ground should be well mulched with well rotted manure. Sweet Peas will bloom from spring until snow flies if properly handled. Sow 1 ounce to 10 feet of row.



Sweet Peas

SWEET PEAS—SPECIAL MIXTURE of Spencer Varieties: This mixture is one of the best. Contains all colors in right proportions and makes a beautiful display.

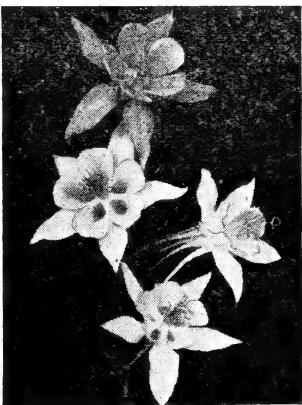
Pkt. 10c; 1 oz. 20c; 1/4 lb. 50c; 1 lb. \$1.50.



Zinnia

SWEET PEAS—PRIZE MIXTURE of Spencer Varieties. This splendid mixture contains the cream of the new standard sorts of the large flowering Spencer strains; also many of the early Spencer varieties, including the daintiest colors.

Pkt. 10c; 1 oz. 25c; $\frac{1}{4}$ lb. 75c; 1 lb. \$2.50.



Columbine

SPENCER SWEET PEAS Named Varieties

We carry in stock many of the finest Spencer types in straight colors. Listed below is an assortment of the choicest varieties.

American Spencer—Ivory, white, striped crimson. Pkt. 10c; 1 oz. 25c.

Pinkie—Clear deep rose pink. The large, well formed flowers are carried in fours on long stems. Pkt. 10c; 1 oz. 25c.

Charity—Crimson. Pkt. 10c; 1 oz. 25c.

King White—Gigantic flowers of pure white. Pkt. 10c; 1 oz. 25c.

Warrior—Chocolate Maroon. Pkt. 10c; 1 oz. 25c. Hawimark Lavender—Large true lavender. Pkt. 10c; 1 oz. 25c.

Fortune—Rich dark blue. Pkt. 10c; 1 oz. 25c.

Fiery Cross—Intense Orange Cerise. Pkt. 10c; 1 oz. 25c.

Grand National—Rich Cream, black seeded. Pkt. 10c; 1 oz. 25c.

Youth—Large White, pink picotee edge. Pkt. 10c; 1 oz. 25c.

Olympia—Deep rich purple. Pkt. 10c; 1 oz. 25c.

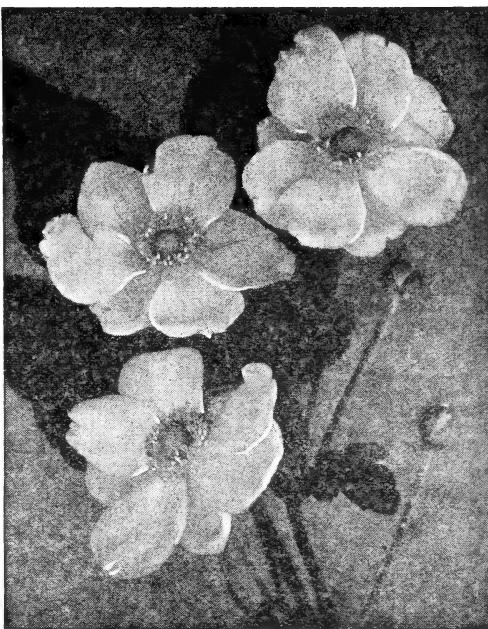
Heavenly Blue—Delphinium blue. Pkt. 10c; 1 oz. 25c.

Picture—Flesh pink with creamy apricot. Pkt. 10c; 1 oz. 25c.

George Shawyer—Giant salmon rose. Pkt. 10c; 1 oz. 25c.

Huntsman—Bright Scarlet. Pkt. 10c; 1 oz. 25c.

Prince of Orange—Deep Orange. Pkt. 10c; 1 oz. 25c.



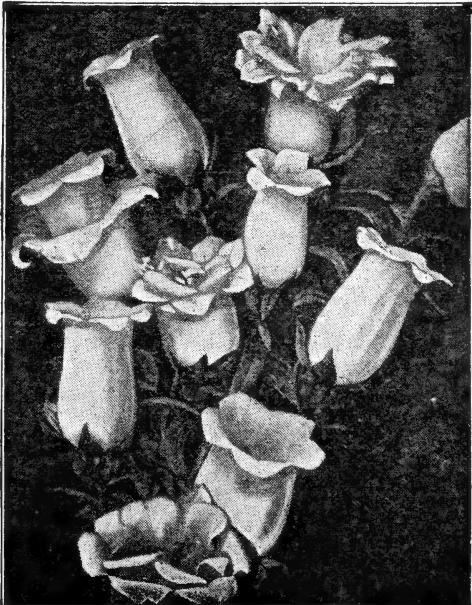
Anemone or Wind Flower

One packet each of above, 16 varieties, \$1.15.
Any five packets of above, your selection, 40c.
Any four 1-oz. packets of above, your selection, 80c.

WALLFLOWER: A very fragrant sweet scented flower, that is adapted to pot culture as well as outside bedding. Its bright coloring in shades of rich reds and yellows is very effective. They are easily grown and last long as cut flowers.

Double Early Wonder, mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

Single mixed, Pkt. 10c; $\frac{1}{4}$ oz. 25c.



Campanula or Canterbury Bell

WILD CUCUMBERS: A fine annual climber; makes a wonderful rapid growth; a splendid vine where an abundance of shade is wanted quickly. Seeds should be planted early.

Pkt. 10c; 1 oz. 25c.

ZINNIAS

ELEGANS—ZINNIA: is prized for its brilliant colors, for the size and perfection of its flowers and for its sturdy growth. Sow seeds in open ground in May. Blooms from July until killed by frost. No flowers known will produce a finer showing than a bed of brilliant colored Zinnias.

All Elegans, finest mixed, Pkt. 10c; 1/4 oz. 40c; 1 oz. \$1.25.



Sweet William

DAHLIA FLOWERED ZINNIAS: These giant showy flowers are often 2 to 3 inches in depth and 5 to 6 inches in diameter, resembling Show Dahlias. The well branched, sturdy plants grow 3 feet high.

Gold Medal Mixture, Pkt. 10c; 1/4 oz. 40c; 1 oz. \$1.25.

CALIFORNIA GIANT ZINNIAS: The large, double, graceful flowers are from five to six inches across with overlapping petals more loosely placed than the Dahlia flowered type. The plants are vigorous and grow about three feet tall. Excellent for cutting.

Special mixture, Pkt. 10c; 1/4 oz. 40c; 1 oz. \$1.25.

FANTASY ZINNIAS: The double, well-rounded, medium sized flowers are composed of a mass of shaggy ray-like petals resembling shaggy chrysanthemums. The plant grows 2½ to 3 feet tall.

Fantasy, finest mixed, Pkt. 10c; 1/4 oz. 40c.

DWARF ZINNIAS: Pompom Lilliput or Baby Zinnia. The plants are dwarf, bushy and very branching, 12 to 18 inches tall, covered with very pretty double flowers hardly exceeding a daisy flower in size. Excellent for borders, beds or as a cut flower. Blooms all summer.

Special mixture, Pkt. 10c; 1/4 oz. 40c; 1 oz. \$1.25.

Perennial Flower Seeds

Bloom Second Year From Sowing

Sow perennials in beds or plots this season and transplant to permanent location during the summer and early fall.

AQUILEGIA OR COLUMBINE: Charming, hardy plants, bearing in countless numbers through May and June. Exquisite, clear, blue, white, rose, yellow, purple and striped blossoms.

Mrs. Scott Elliott's Long-Spurred Hybrids, mixed, Pkt. 15c; 1/8 oz. 90c.

ANEMONE OR WINDFLOWER: Very pleasing, hardy perennial plants for border and beds. The fine, large flowers are fine for bouquets. Flowers shaped like a single poppy; all colors.

Finest mixed, all colors of the choicest sorts, Pkt. 15c; 1/8 oz. 40c.

CAMPANULA OR CENTERBURY BELL: Very ornamental perennials, growing about two feet high; producing large bell shaped flowers on long spikes which make a glorious display when planted in beds.

Cup-and-Saucer, mixed, Pkt. 15c; 1/8 oz. 40c.

CHINESE LANTERN (Physalis Franchetti): The large fruits are of bright red color when ripe and resemble the Chinese lantern. When cut and dried they are used for winter bouquets. They are ready for cutting in the late summer.

Pkt. 10c; 1/4 oz. 40c.

DIANTHUS—SWEET WILLIAM: A splendid plant producing its large heads of beautiful colored, sweet scented flowers in great abundance. The unique colorings and shades of the flowers make a wonderful display.

Special mixed, Pkt. 15c; 1/4 oz. 50c.

DELPHINIUM—PERENNIAL LARKSPUR: Grows about five feet tall and produces immense spikes of flowers often two feet in length. The flowers include both double and single types and range in color from pale lavender to indigo blue.

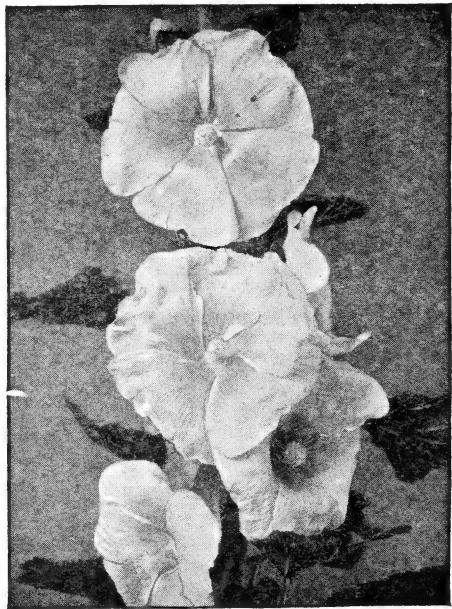
Gold Medal Hybrids, Pkt. 15c; 1/8 oz. 40c.

DOUBLE OR ENGLISH DAISY: Charming plants for edging and dwarf beds; blooming first year from seed. Thrive well in shady places.

Double, extra choice mixed, Pkt. 15c; 1/16 oz. 50c; 1/8 oz. 90c.

SHASTA DAISY: The very large flowers are three to four inches in diameter when at their best. Growing on long stems with two rows of broad, pure white petals and a yellow center.

Alaska finest strain, Pkt. 10c; 1/8 oz. 30c.



Hollyhocks

DIGITALIS OR FOXGLOVE: An ornamental, hardy plant of stately growth. The flower spikes are often three feet long and covered with bell-shaped flowers in many colors, very striking and beautiful.

Special Mixture, all colors, Pkt. 10c; 1/8 oz. 40c.

GAILLARDIA OR BLANKET FLOWER will produce from early spring until late fall a continuous profusion of brilliantly colored flowers of red and yellow shades. Of easy culture.

Grandiflora, choice mixed, Pkt. 10c; 1/4 oz. 35c.

HOLLYHOCKS: Perennial plants of stately growth, which will flower from seed the first year. Hollyhocks are easily grown, very showy and attractive.

Double, Extra Choice Mixed, Pkt. 10c; $\frac{1}{4}$ oz. 60c.

HIBISCUS: A very hardy, showy, shrub like plant with immense, bell-shaped flowers measuring four to five inches in diameter. The large showy blooms well covering the plant are white, pink and red in color.

Mallow Marvels, mixed, Pkt. 10c; $\frac{1}{4}$ oz. 30c.

KUDZU VINE—Jack and the Bean Stalk: Flourishes where nothing else will grow. The large bold leaves of the brightest green afford a dense shade. Its greatest feature it is wonderfully strong growth.

Pkt. 10c; $\frac{1}{4}$ oz. 30c.

LUPINUS: The foliage of the Lupinus is very attractive producing large tufts of soft green foliage and the tall stately spikes of blooms are wonderfully effective. Colors range white, blue, pink, yellow and variegated.

Finest mixed, Pkt. 10c; $\frac{1}{4}$ oz. 50c.

LATHYRUS LATIFOLIUS—Perennial Pea: A desirable climbing vine of the Pea family for growing on fences, trellises, etc. The showy clusters of fine, Sweet Pea like flowers will bloom all summer if the seed pods are removed. Excellent for cutting.

Finest mixed, Pkt. 10c; $\frac{1}{4}$ oz. 40c.

PENTSTEMON (BEARDED TONGUE): Showy perennial plants, growing from two feet to four feet high; are rather bushy and have very long, slender spikes which bear many trumpet-shaped flowers with hairy throats from whence the name Bearded Tongue comes.

Choice mixed, Pkt. 15c; $\frac{1}{8}$ oz. 50c.

PYRETHRUM—PAINTED DAISY: An unusually fine perennial of the daisy family. The daisy like flowers are very attractive and showy in the garden and with their long stems and good lasting qualities make a splendid cut flower.

Finest Double and Single, mixed, Pkt. 15c; 1/16 oz. 50c.

PERENNIAL PHLOX—Phlox Decussata: This beautiful and showy perennial comes in a countless number of brilliant colors and few flowers compare with it in brilliance. Very hardy. Seed slow and irregular in germinating.

Finest mixed, Pkt. 15c; $\frac{1}{8}$ oz. 60c.

ORIENTAL POPPY: The tall stems about three feet high, bear giant flowers of brilliant scarlet six or eight inches across. The plants thrive well in either sun or partial shade.

Packet 15c; 1/16 oz. 50c.

NUDICAULE (ICELAND POPPY): The flowers are borne on stems which rise to a foot above tuft of fern leaves. The bright colored flowers are shades of orange, salmon, maize and other tints. Will bloom the first season from seed if sown early in the spring.

Special Mixture, Pkt. 15c; 1/16 oz. 45c.

STATICE (SEA LAVENDER): The stemless leaves spring direct from the root stock and the flower stems are more or less twiggy, bearing their small flowers in much-branched panicles. The flowers are useful for drying for winter use.

Latifolia—Tall, dense, branching plumes of deep blue flowers.

Packet 10c; $\frac{1}{8}$ oz. 40c.

VIOLET—SWEET SCENTED: Hardy perennials, blooming freely throughout the season. These beautiful, sweet-scented flowers deserve a place in every garden.

Dark Blue — A beautiful true blue strain.
Packet 15c.

SPECIAL FLOWER SEED COLLECTIONS

COLLECTION NO. 1

FOR THE ANNUAL FLOWER GARDEN

15 PACKETS FOR \$1.00

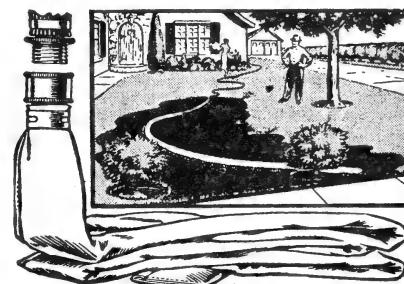
1 Pkt.	SNAPDRAGONS, finest mixed.....	\$.10
1 Pkt.	SWEET ALYSSUM, Little Gem.....	.10
1 Pkt.	AGERATUM, Tall or Dwarf mixed.....	.10
1 Pkt.	ASTERS, special mixed.....	.15
1 Pkt.	CENTAUREA, finest mixed.....	.10
1 Pkt.	COSMOS, best early single mixed.....	.10
1 Pkt.	DELPHINIUM, best annual mixed.....	.10
1 Pkt.	HELIANTHUS, best double mixed.....	.10
1 Pkt.	MARIGOLD, tall African mixed.....	.10
1 Pkt.	KOCHIA—Burning Bush.....	.10
1 Pkt.	POPPY, Double Shirley Mixed.....	.10
1 Pkt.	PETUNIA, hybrids, finest mixed.....	.10
1 Pkt.	STRONG SULTAN, Imperialis mixed.....	.10
1 Pkt.	VERBENA, finest mixed.....	.10
1 Pkt.	ZINNIA, all Elegans mixed.....	.10

COLLECTION NO. 2

FOR THE PERENNIAL FLOWER GARDEN

10 PACKETS FOR 90c

1 Pkt.	AQUILEGIA or COLUMBINE.....	.15
1 Pkt.	CAMPANULA—Canterbury Bell15
1 Pkt.	SWEET WILLIAM, Mixed.....	.15
1 Pkt.	LARKSPUR, Gold Medal Hybrids.....	.15
1 Pkt.	GAILLARDIA, Mixed10
1 Pkt.	SHASTA DAISY.....	.10
1 Pkt.	HOLLYHOCK, double mixed.....	.10
1 Pkt.	DIGITALIS—FOXGLOVE, mixed10
1 Pkt.	HIBISBUS, mixed10
1 Pkt.	ORIENTAL POPPY15



SOIL-SOAKER

A new hose-like waterer of special porous canvas, screws to the water hose, replacing nozzle or sprinkler. The far end is closed. Under normal pressure, water seeps through every pore, the entire length, soaks directly into the soil.

No. 0, Length 12 ft., \$1.50, postage paid.

No. 1, Length 18 ft., \$2.00, postage paid.

No. 2, Length 30 ft., \$3.00, postage paid.

Prices subject to change without notice.

BIRD SEED

Our Bird Seeds are all of good re-cleaned seeds. Best Mixed—A mixture composed of canary, rape, large and small millets.

1 lb. 25c; 2 lbs. 45c; 5 lbs. \$1.00; postage paid.

	1 lb.	2 lbs.	5 lbs.
Canary, re-cleaned	\$.25	\$.45	\$.85
Rape, re-cleaned35	.65	1.50
Millet, large re-cleaned....	.20	.35	.65
Millet, small re-cleaned..	.25	.45	.90

Postage paid. Prices subject to change.

KOW-KARE

The concentrated tonic, conditioner and regulator to promote assimilation, aid low-cost milk production and build up vigor in calving. A small dosage daily is a valued aid in getting more milk from the same feed.

Price, large size can \$1.25; medium size can 65c, F. O. B. Twin Falls. Shipping weight, large can 4 lbs., small can 2 lbs.

BAG BALM

For teat and udder ills and all farm healing. Bag Balm combines the virtues of a refined, medicated ointment with an exclusive, liniment-like oil that penetrates and promotes quick healing.

Price per can 60c; F. O. B. Twin Falls. Shipping weight 1 lb.

BAG BALM DILATORS

For quick healing of spider, scabs, bruises, internal injuries or for hard milkers. Patented fluted shaft carries healing ointment inside.

Price 25 Dilators, sterilized and packed in Bag Balm, 65c. Postage paid.

GRANGE POKE ROOT COMPOUND

For that serious disorder peculiar to cows, non-contagious garget, Grange Poke Root Compound is favorably known to dairymen.

Price per can, 65c; F. O. B. Twin Falls. Shipping weight 2 lbs.

**Dirt-Proof, Washable GARDEN GLOVES**

**ALL LEATHER
DURABLE
EXTRA SOFT**

Easy to Wear

—for Men and Women

Eezy Wear gives you everything you want in a garden glove: all-leather protection from dirt, scratches, stains, infection — yet permit almost BAREHAND FREEDOM. Their amazing softness and pliability are the result of a special processing of select lamb skins. Economical, too: outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, housework, painting, furnace, garage, etc.

Sizes for WOMEN (small, medium, large) and MEN (small, medium, large).
Price, 75 cents a pair, postpaid. (2 pr. \$1.40.)

NATIONAL Eezy Wear GLOVES

Insecticides**NEW EVER GREEN SPRAY**

Its deadly pyrethrum content kills a wide range of insects that eat leaves, destroy blossoms or suck sap. It is non-poisonous to man or animals and won't injure the tenderest blossoms. Horticultural officials recommend it.

1 oz. bottle, 35c, postage paid; 6 oz. bottle, \$1.00; 16 oz. bottle, \$2.10; F. O. B. Twin Falls. Shipping weight, 6 oz. bottle 1 lb., 16 oz. bottle 2 lbs.

STABILIZED ROTENONE**No. 75 Dust 3/4 of 1% Rotenone**

This very effective, safe insecticide is harmless to humans and animals. No. 75 dust gives perfect control of cabbage worms, flea beetles, cucumber beetles and most bothersome insects.

1 lb. can 30c; 5 lb. bag \$1.06; 25 lb. bag \$4.65; F. O. B. Twin Falls.

1 lb. can shipping weight 2 lbs.; 5 lb. bag shipping weight 6 lbs.; 25 lb. bag shipping weight 26 lbs.

All Insecticide prices, subject to change without notice.

**HORN SEED SOWER**

An old favorite with farmers and truckers everywhere for sowing all small smooth seeds like Clover, Alfalfa, Timothy, etc.

Price, \$1.00; F. O. B. Twin Falls. Shipping weight 1 lb.

HAMMOND'S SLUG SHOT

There is nothing better for destroying cabbage worms, flea beetles on cabbage, turnips, radishes, etc., or for any eating insects. Order Hammond's Slug Shot with garden seed orders for protection.

1 lb. can, 30c; 5 lb. can \$1.00; 25 lb. bag \$4.75; F. O. B. Twin Falls. 1 lb. can shipping weight 2 lbs.; 5 lb. can shipping weight 6 lbs.; 25 lb. bag shipping weight 26 lbs.



Cyclone Seeders sow light grasses and clovers very satisfactorily. They will handle grain or seeds that require broadcasting.

Price \$2.75; F. O. B. Twin Falls. Shipping weight 5 lbs. Horn and Cyclone Seed Sower prices subject to change without notice.

BROWN'S NO. 4 OPEN-HED SPRAYER

This Sprayer is entirely electrically welded; Made of either heavy copper - brass alloy or strong steel, galvanized after fabrication.

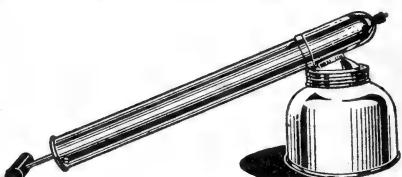
Double action pump lock is quickest and safest possible; pump is one complete unit with seamless brass cylinder and all metal check valve.

Completely equipped with special high pressure spray hose, automatic shut-off, seamless brass extension, swivel coupling and non-clog nozzle. For use with all disinfectants, insecticides, etc.

No. 4D 4-gal. Open-Hed Sprayer, galv. tank, \$7.75;

F. O. B. Twin Falls. Shipping weight, 13 lbs.
No. 4B 4-gal. Open-Hed Sprayer, brass tank, \$12.75; F. O. B. Twin Falls. Shipping weight, 16 lbs.

Prices subject to change without notice on all sprayers and dusters.

BROWN'S CONTINUOUS SPRAYERS

Brown's continuous atomizers are attractive in design and give long and efficient service. The container may be detached for refilling and cleaning.

The No. 335 Sprayer illustrated is made with brass cylinder and copper container. Universal all-direction one-point nozzle sprays in any desired direction.

The No. 315 Sprayer is of the same construction as the No. 335 Sprayer, having the same features, but made with a tin pump and tin container.

The No. 336 Sprayer is similar to the No. 335 Sprayer, except the tank is of one-pint capacity.

and is furnished with a straight nozzle only.

Brown's Duspla is of the same construction as the No. 336, but made of tin pump and tin container.

No. 335 Sprayer—1 qt. brass pump, copper tank continuous Sprayer, \$1.95; F. O. B. Twin Falls. Shipping weight, 2 lbs.

No. 315 Sprayer—1 qt. tin pump, tin tank continuous Sprayer, 95c; F. O. B. Twin Falls. Shipping weight, 2 lbs.

No. 336—Sprayer—1 pt. brass pump, copper tank continuous Sprayer, \$1.50; F. O. B. Twin Falls. Shipping weight, 2 lbs.

Duspla Sprayer—1 pt. tin pump, tin tank continuous Sprayer, 65c; F. O. B. Twin Falls. Shipping weight, 2 lbs.



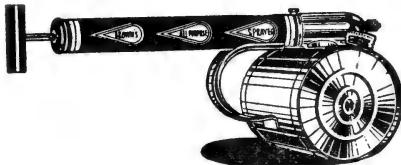
BROWN'S NO. 350-D FUNNEL-TOP SPRAYER

The No. 350D is an economically priced funnel-top compressed air Sprayer. Electro-welded and hot galvanized after fabrication.

Has high pressure spray hose, automatic shut-off, curved brass extension and non-clog nozzle. For use in the home, garden, dairy or poultry house.

No. 350D Sprayer—3½ gallons, galvanized, \$4.95; f. o. b. Twin Falls. Shipping wt. 9 lbs.

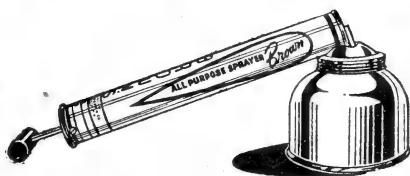
NO. 26F 3-QT. CONTINUOUS SPRAYER



Three-quart capacity galvanized tank and lithographed tin pump; universal one-point all direction nozzle; removable and cleanable valve and siphon tube.

No. 26F Sprayer—3 qt. tin pump, galvanized tank, \$1.45; F. O. B. Twin Falls. Shipping weight 4 lbs.

BROWN'S SINGLE-ACTION SPRAYERS



Brown's No. 14 Dome-Top single-action sprayer is one quart in capacity, made with lithographed tin pump and tin container. Very handy for all around small spraying jobs.

No. 14 Sprayer—1 qt. tin pump, tin tank, single-action Sprayer, 45c; F. O. B. Twin Falls. Shipping weight, 2 lbs.

Brown's No. 18G Single-Action Sprayer is made with lithographed tin pump and 5-oz. corrugated glass jar. Useful for fly spraying and general spraying in the home. Price 30c F.O.B. Twin Falls, Shipping weight, 1 lb.

BROWN'S MAGIC GARDEN HOSE SPRAYERS AND CARTRIDGES

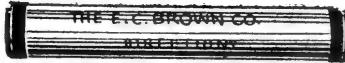


Brown's Magic Garden Hose Sprayer No. 94 is entirely chrome-plated, with transparent cartridge

chamber, automatic shut-off. Nozzle has medium and coarse spray discs to vary volume of spray. Extension is 22 inches long. Adequate for all low growing plants.

Magic Sprayer No. 94 — chrome plated, with transparent cartridge chamber, \$3.75; F. O. B. Twin Falls. Shipping Weight, 2 lbs.

No. 1366—1 Extra Cylinder—transparent, with impeller spring, for use with No. 94 Magic Sprayer, 65c; postage paid.



BROWN'S VITAMIN B-1 CARTRIDGE
(FOR USE WITH ALL GARDEN HOSE SPRAYERS
OR WITH REGULAR GARDEN HOSE NOZZLE)

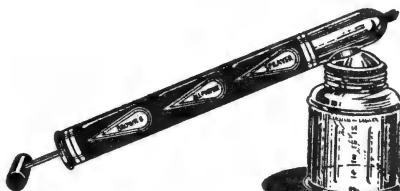
Brown's Vitamin B-1 cartridge offers the sensation Vitamin B-1 plant spray in cartridge form. An amazingly effective plant stimulant.

Vitamin B-1 Cartridge—produces about 125 gallons of spray, effective for all vegetation, 35c; postage paid.

Pyrethrum-Rotenone Cartridge—produces about 6 gallons strong spray for both chewing and sucking insects, 40c; postage paid.

Nicotine Cartridge—provides about 6 gallons of strong Nicotine spray, 40c; postage paid.

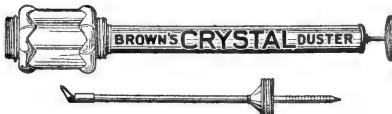
Copper Fungicide Cartridge—produces about 5 gallons spray, for control of mildew and other fungus diseases, 35c; postage paid.



Brown's No. 26BG Sprayer is a very efficient one-quart continuous Sprayer, made with lithographed tin pump, copper cone and wide-mouth glass jar, and universal all-direction one-point nozzle.

No. 26BG Sprayer, 1 qt., tin pump, glass jar, \$1.35; F. O. B. Twin Falls. Shipping weight 3 lbs.

BROWN'S DUSTERS



Brown's Crystal Duster has features not found in any other duster. The large 1¾" x 18" pump permits a large blast of air, which is very essential in a Duster. Also has screened discharge tube which holds back the lumps. A truly outstanding duster.

Crystal Duster—one quart glass jar, lithographed pump, \$1.45; F. O. B. Twin Falls. Shipping weight, 3 lbs.



An excellent small Duster measuring 20" in length and having 1¾" diameter pump. Has removable dust receptacle and screened discharge tube. Straight jet discharge permits this Duster to be used for disinfecting.

Duster Brown—all tin, 55c; F. O. B. Twin Falls. Shipping weight, 2 pounds.

Prices subject to change without notice on all Sprayers and Dusters.

Surge Milker Parts

POSTAGE PAID

SB-1A Teat Cup Inflations, Standard Size.....	Each \$.70	2 for \$1.38	4 for \$2.70	8 for \$5.35
S-1 Teat Cup Inflations (for early style plants).....	Each \$.65	2 for \$1.28	4 for \$2.50	8 for \$4.95
Short Air Tubes for Pulsator, 7-inch	2 for \$.25	4 for \$.48		
Air Tubes for Pulsator, 9-inch	2 for \$.40	4 for \$.76		
Paid Lid Gaskets	Each \$.50	2 for \$.95		
Stanchion Hose, 7 feet	Each \$2.05	2 for \$4.05		
Stanchion Hose Connections	Each \$.19	2 for \$.36	4 for \$.70	
Crank Handle Teat Cup Brush	Each \$.60			
Surge Pail Brush	Each \$.60			
Pulsator Oil—Pint	Each \$.45			
Surcingle, complete with spring	Each \$2.86			
Surcingle Strap	Each \$.148			
Surcingle Spring	Each \$.148			
Stall Cocks	Each \$.90			
V. P. Brass Valves for A-1-Electric Pump	Each \$.41			
B. 9 Leather Washers for Pulsator	4 for \$.50	8 for \$.98		
B. 8A Thin Brass Washer for Pulsator	4 for \$.22	8 for \$.42		
B. 11 Adjusting Screw for Pulsator	Each \$.37			
B. 12 Lock Nut for Adjusting Screw	Each \$.11			
B. 18 Gasket for side of Pulsator	4 for \$.22			

All Surge parts subject to factory price changes. Remittances must accompany all orders or there will be added C. O. D. charge to cover collection expense.

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Balsam	20	Helianthus	21	Rhubarb	16
Bird Seed	27	Heliotrope	22	Radishes	15-16
Clover	1-2	Hibiscus	27	Rutabaga	18
Clover Mixtures	3	Hollyhocks	27	Ricinus	23
Cane Seed	5	Horse Radish Roots	11	Sudan Grass	5
Cabbage	7-8	Hotkaps	18	Sunflower	5
Carrots	8-9	Insecticides	28	Salsify	16
Cauliflower	■	Insecticide Cartridges	29	Spinach	16
Celery	9	Kaffir Corn	5	Squash	16-17
Corn, Field	4	Kohl Rabi	11	Scabiosa	24
Corn, Sweet	9-10	Kochia	22	Scarlet Runner Bean	24
Corn, Pop	10	Kudza Vine	27	Straw Flower	24
Cucumbers	10	Lawn Mixtures	3	Schizanthus	24
Chicory	10	Lettuce	11	Sweet Sultan	24
Cress	10	Larkspur	22	Salvia	24
Cow Remedies	27-28	Linum	22	Sea Lavender	27
Candytuft	20	Lobelia	22	Stocks	24
Calendula	20	Lupinus	27	Salpiglossis	24
Clarkia	20	Millets	5	Sweet Peas	24-25
Carnation	20	Mustards	13	Seed Disinfectants	5
Cypress Vine	20	Muskmelon	12	Sprayers	28-29
Cardinal Climber	21	Moon Flower	22	Surge Milker Parts	30
Centaurea	25	Marigolds	22	Seeders	28
Calliopsis	21	Mignonette	22	Soil Soaker	27
Chinese Lantern	26	Morgro Fertilizer	5	Timothy Mixture	3
Cosmos	21	Morning Glory	22	Tomatoes	17
Coxcomb	21	Nitragin Inoculation	3	Turnips	17-18
Cobaea	21	Nasturtium	22	Vetch	4-5
Canterbury Bell	26	Nicotiana	23	Verbena	24
Daisies	26	Nigella	23	Venidium	24
Digitalis	26	Oats	4	Violet	27
Delphinium	26	Okra	13	Viola	24
Dahlia	21	Onion Seed	13	Wall Flower	25
Dianthus-Garden Pinks	21	Onion Sets	14	Wheat	3
Dianthus-Sweet Williams	26	Peas	14	Watermelon	12-13
Dust Gun	29	Parsley	14	Wild Cucumber	26
Egg Plant	11	Parsnips	14	Zinnia	26
Endive	11	Peppers	14-15		

ORDER BLANK

DINGEL & SMITH SEED CO.

Twin Falls, Idaho

Date

Dear Sirs: Please send me the articles named below subject to conditions named in your catalog:

Name _____

P. O. _____, State _____

Freight or Express Office if different from P. O.

**Amount enclosed \$..... (P. O. Order) (Express M. O.) (Draft) (Cash). Check
the method you use. Forward (Mail) (Express) (Freight) (Truck). Please do not
send stamps on orders of 50c or over.**

Before mailing your order read Parcel Post Instructions on inside cover of this catalog.

If you will give us the names and addresses of your neighbors who buy Field, Garden or Flower Seeds, we shall esteem it a great favor, as we wish to send them our seed catalog.

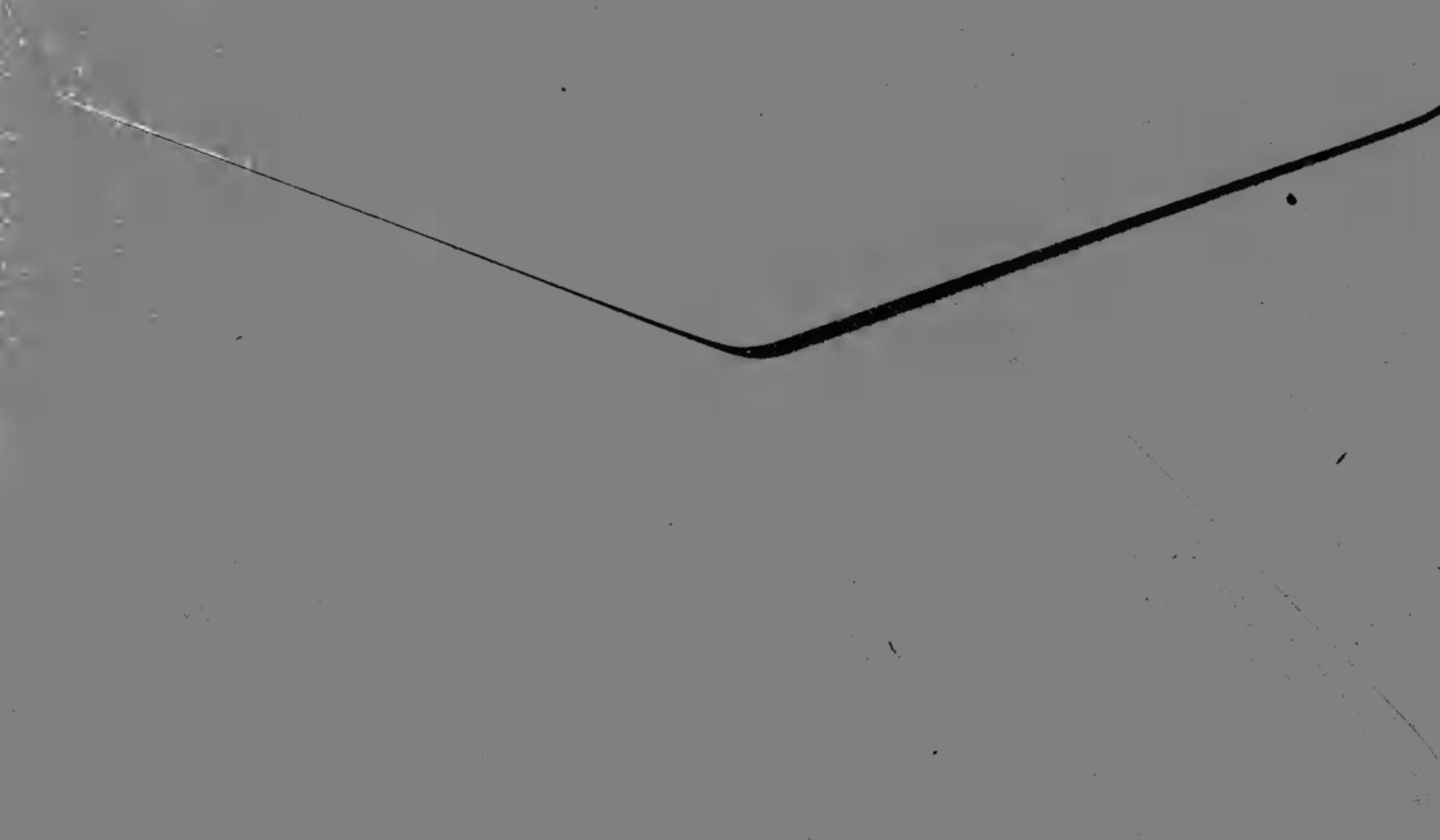
Names

Address

From

Place
Postage
Stamp
Here

Dingel & Smith Seed Company
Twin Falls
Idaho



POST OFFICE DEPARTMENT
THIRD ASSISTANT POSTMASTER GENERAL
DIVISION OF MONEY ORDERS

No.

Stamp of Issuing Office

DO NOT RISK MONEY OR STAMPS IN ORDINARY MAIL—BUY A MONEY ORDER**Fee** _____The Postmaster
will inserthere _____
the office drawn on, when the office
named by the remitter does not trans-
act money-order business.

Spaces above this line are for Postmaster's record, to be filled in by him

Application for Domestic Money OrderSpaces below to be filled in by purchaser, or, if necessary,
by another person for him**Amount—**USE **FIGURES**,
DO NOT SPELL _____ Dollars _____ CentsTo be }
paid to }
(Name of person or firm for whom order is intended)Whose }
address }
is }
City }
and }
State }
StreetSent by _____
(Name of sender)City }
and }
State }
Street**PURCHASER MUST SEND ORDER AND COUPON TO PAYEE
(FOR FEES SEE OTHER SIDE)**

FOR SPEED—Send your money order AIR MAIL special delivery

Fees for Money Orders Drawn on Domestic Form

Payable in the United States, including Hawaii, Puerto Rico, and the United States Virgin Islands, or in Guam and Tutuila (Samoa); also for orders payable in Antigua, Bahamas, Barbados, Bermuda, British Guiana, British Honduras, British Virgin Islands, Canada, Canal Zone, Cuba, Dominica, Grenada, Jamaica, Montserrat, Nevis, Newfoundland, Philippine Islands, St. Kitts, St. Lucia, St. Vincent, and Trinidad and Tobago.

For Orders	From \$0.01 to \$2.50.....	6 cents.
	From \$2.51 to \$5.00.....	8 cents.
	From \$5.01 to \$10.00.....	11 cents.
	From \$10.01 to \$20.00.....	13 cents.
	From \$20.01 to \$40.00.....	15 cents.
	From \$40.01 to \$60.00.....	18 cents.
	From \$60.01 to \$80.00.....	20 cents.
	From \$80.01 to \$100.00.....	22 cents.

Memoranda of Issuing Postmaster:

If order is purchased through Rural Carrier, he will fill spaces below:

Carrier's receipt No.

....., Carrier.

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

FIELD SEED TABLE

Alfalfa	10- 20 lbs.	Spring or Fall
Red Clover	10- 15 lbs.	Spring or Fall
Alsike Clover	7 lbs.	Spring or Fall
White Clover	6 lbs.	Spring or Fall
Red Top, hulled seed	15 lbs.	Spring or Fall
Orchard Grass, for pasture	20 lbs.	Spring or Fall
Kentucky Blue Grass, for pasture	20 lbs.	Spring or Fall
Kentucky Blue Grass, for lawn	1 lb. to 300 square ft.	Spring or Fall
Timothy	12 lbs.	Spring or Fall
Millet, Golden, for hay or seed	30 lbs.	May 1st to July 10th
Millet, Broom Corn	50 lbs.	May 1st to July 10th
Wheat	100-120 lbs.	Early Spring
Oats	100 lbs.	Early Spring
Mixed Grasses, for pasture	20- 25 lbs.	Spring or Fall
Barley	100 lbs.	Early Spring to June
Rye	100 lbs.	Early Spring to Fall
Corn	8- 10 lbs.	May 10th to June 1st
Cane, in rows for sorghum	8 lbs.	May 10th to June 1st
Cane, broadcast for fodder	100-150 lbs.	May 10th to June 1st
Beans, field	60 lbs.	May 20th to June 10th
Field Peas	120 lbs.	Earlier the better
Flax	40- 50 lbs.	April 1st to May 15th

For postal instruction see inside of front cover.

TABLE SHOWING WEIGHT OF FIELD SEEDS

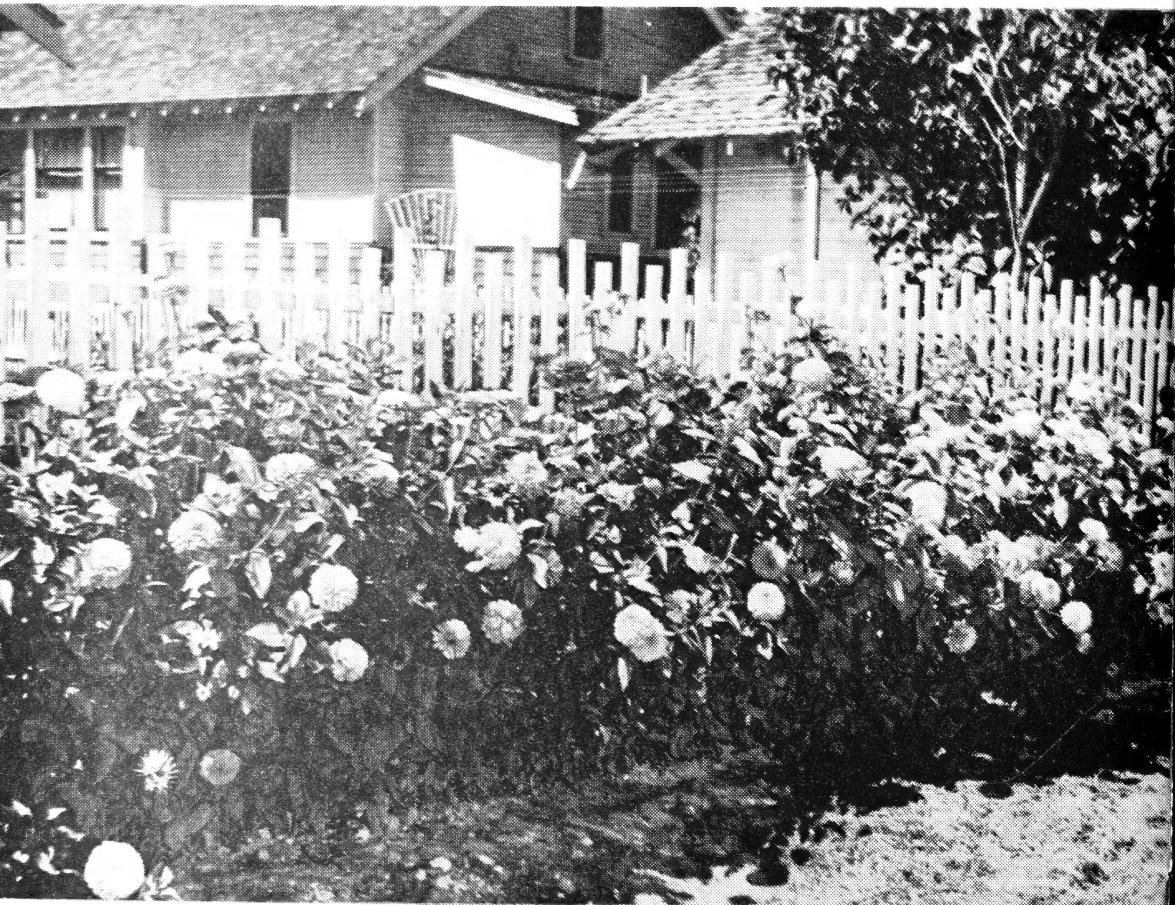
Barley	per bushel	48 lbs.
Beans	per bushel	60 lbs.
Buckwheat	per bushel	48 lbs.
Broom Corn	per bushel	46 lbs.
Blue Grass	per bushel	14 to 21 lbs.
Clover Seed	per bushel	60 lbs.
Corn, Field, Shelled	per bushel	56 lbs.
Corn, on the ear	per bushel	70 lbs.
Millet, Golden	per bushel	50 lbs.
Oats, "Idaho"	per bushel	40 lbs.
Onion Sets	per bushel	32 lbs.
Orchard Grass	per bushel	14 lbs.
Perennial Rye Grass	per bushel	24 lbs.
Peas, Smooth	per bushel	60 lbs.
Peas, Wrinkled	per bushel	56 lbs.
Rape, Dwarf Essex	per bushel	50 lbs.
Red Top Grass, Recleaned	per bushel	32 lbs.
Rye	per bushel	56 lbs.
Sorghum or Cane	per bushel	50 lbs.
Timothy Seed	per bushel	45 lbs.
Vetches	per bushel	60 lbs.
Wheat	per bushel	60 lbs.

TABLE OF AMOUNT OF SEED AND TIME TO SOW

	100-ft.	Row	1 Acre	
Asparagus	2 oz.	4 lbs.	Early Spring	
Bush Beans	1 lb.	60 lbs.	May 15th to July 1st	
Pole Beans	1 lb.	60 lbs.	May 15th to July 1st	
Beet, Table	2 oz.	10 lbs.	April 1st to July 1st	
Beet, Mangel	2 oz.	12 lbs.	April 1st to June 1st	
Brussels Sprouts	1/2 oz.	6 oz.	Early Spring	
Cabbage	1/3 oz.	1 lb.	Early Spring	
Carrot	1 oz.	3 lbs.	April 1st to July 1st	
Cauliflower	1/3 oz.	1 lb.	Early Spring	
Celeri	1/8 oz.	2 oz.	Early Spring	
Corn, sweet	1/4 lb.	10 lbs.	May 1st to June 10th	
Cress	1/2 oz.		Early Spring	
Cucumber	1/2 oz.	2 lbs.	May 10th to June 10th	
Egg Plant	1/8 oz.		Early Spring	
Endive	1 oz.		Early Spring to August	
Kale	1/8 oz.		Early Spring	
Kohl Rabi	1/8 oz.		Early Spring	
Lettuce	1 oz.	3 lbs.	Early Spring to August	
Musk Melon	1/2 oz.	3 lbs.	May 10th to June 1st	
Water Melon	1 oz.	4 lbs.	May 10th to June 1st	
Okra	2 oz.		May 1st	
Onion	1 oz.	3 lbs.	March 1st to May 1st	
Parsley	1/2 oz.	5 lbs.	Early Spring	
Parsnip	1/2 oz.	5 lbs.	Early Spring	
Peas	2 lbs.	120 lbs.	April 1st to August 1st (do better early)	
Pepper	1/8 oz.		Early Spring	
Pumpkin	1 oz.	4 lbs.	May 10th to June 1st	
Radish	2 oz.	10 lbs.	Early Spring	
Salsify	1 oz.		Early Spring	
Spinach	1 oz.	10 lbs.	Early Spring or Fall	
Squash	1 oz.	4 lbs.	May 10th to June 1st	
Tomato	1/8 oz.	4 oz.	Early Spring	
Turnip	1/2 oz.	2 lbs.	April 1st to August 15th	

The Best of Seeds

The Best of Service



**DINGEL & SMITH
SEED COMPANY**

Twin Falls, Idaho